



Staff Report of the
CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

**AMENDMENTS
TO
THE WATER QUALITY CONTROL PLAN FOR
THE SACRAMENTO RIVER AND
SAN JOAQUIN RIVER BASINS**

**FOR
THE CONTROL OF SALT AND BORON DISCHARGES
INTO THE SAN JOAQUIN RIVER**

**APPENDIX C: MUNICIPAL AND INDUSTRIAL SALT
LOADS**



*September 2003
Peer Review Draft*

State of California
California Environmental Protection Agency

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CENTRAL VALLEY REGION

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APPENDIXC: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS

Introduction

The salinity (electrical conductivity, or EC) of the lower San Joaquin River (SJR) exceeds the maximum concentrations allowed in the Central Valley Regional Water Quality Control Board's (Regional Board) Water Quality Control Plan for the Sacramento River and San Joaquin River Basins (Basin Plan) (CVRWQCB, 1998). A reduction in salt loadings to the lower SJR is needed to bring it into compliance with the Basin Plan criteria. Salt loadings to the river come from sources such as irrigated agriculture, wetlands processes, and municipal and industrial (M&I) activities. The objective of this document is to present Regional Board staff estimations of salt loading to the lower SJR from M&I activities.

Methods

The sources of M&I salt loading include municipal, industrial, and domestic. The total salt loads generated and the amount of salt loads that directly enter the SJR (not land disposal) are quantified. Salt loads directly discharged to the SJR are determined for the irrigation (April through August) and non-irrigation seasons (September through March).

Sources of Salt Loading

Municipalities and Connected Industries

The eight municipalities (and their connected industries) that were accounted for in this study were Modesto, Merced, Turlock, Atwater, Patterson, Newman, Gustine, and Planada. Connected industries are those industries that discharge their wastewater into municipal wastewater treatment plants.

External Industries

There are 13 external industries accounted for in this report that are not connected to wastewater treatment plants and that have their own NPDES permits. These industries include San Joaquin Valley Dairymen, Huntsman Film, California Department of Fish & Game, Calaveras Trout Farm, Hershey, Hunt-Wesson, Sunseed Processor, and the City of Modesto Grayson reverse osmosis well. There are five groundwater pump-and-treat (hazardous waste cleanup) activities that are not industrial activities, but are grouped here for simplicity. These are the two General Electric cleanups, the U.S. Army Riverbank cleanup, the Stanislaus Farm Supply cleanup, and the Western Farm Service cleanup. The Castle AFB cleanup passes their effluent to the City of Atwater, so its salt loads are accounted for in Atwater's municipal data.

Domestic

Identifying the salt loads from domestic use of supply water gives an idea of the contributions to the overall salt loading. The personal use data can assist in differentiating the source of municipal salt loads, personal use or industries and commercial uses.

Calculating Salt Loads

Flow rates and salt concentrations were calculated for external industries, municipalities, and personal use. Flow rates and salt concentrations for external industries and municipalities were determined from NPDES self-monitoring data, engineering reports, and personal conversations with plant operators and Regional Board staff. Information on personal use was determined using U.S. national averages of individual water use.

Modesto and Turlock Point Source Loads

Historical Modesto and Turlock wastewater treatment plant (point source) effluent flow, and constituent concentration monitoring data, were provided to Regional Board staff for the monitoring period from 1995 to 2002 (Attachments 4 and 5). City personnel provided flow data in units of millions of gallons per day (mgd) on a daily basis. Sporadic water quality monitoring data were also provided for 1995 to 2002. Salinity concentrations are recorded as electrical conductivity (EC) in units of micro siemens per centimeter ($\mu\text{S}/\text{cm}$) and total dissolved solids (TDS) in milligrams per liter (mg/L). The TDS data was used exclusively to calculate loads.

The city of Modesto only discharges to the LSJR form October through May and the City of Turlock discharges to LSJR year round. Most of the treated effluent from the City of Modesto's treatment plant is applied to land during the non-discharge season, which runs from June through September.

TMDL waste load allocations for point sources are set equal to the historic monthly loading from each municipality. Monthly salinity loads generated by the Modesto and Turlock wastewater treatment plants are a product of mean monthly flow, mean monthly concentration data and a conversion factor. The following sections provide descriptions of the method used to estimate the mean monthly flow, concentration and loads (Attachment 3) from the raw data provided by the cities of Turlock and Modesto.

Step 1: Calculation of Mean Monthly Flow

Daily flow data were first converted from units of mgd to acre-feet per day using a conversion factor of 3.0689. The daily flow data for each individual month were summed to determine total monthly flow for each month of the period of record. A simple mean of monthly means for a given month (eg. January 1995, January 1996, ...January 2002 etc.) was used to estimate mean monthly flow that month.

Step 2: Calculation of Mean Monthly Flow Weighted Average Concentration

The monthly flow weighted average (FWA) concentration for each month in the period of record was calculated using the available daily data. This was accomplished by dividing the sum of flow x TDS by the sum of flow (for each day in a given month when flow and TDS were both reported). The simple mean of the monthly means of TDS for each month (eg. January 1995, January 1996, ...January 2002) was used to estimate mean monthly FWA TDS.

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Step 3: Mean Monthly Loads

Mean monthly loads are the product of the mean monthly flow, mean monthly flow weighted average TDS, and conversion factor of 0.001359 (Conversion of Acre-Ft x mg/L to tons).

Step 4: Mean monthly concentration (TDS)

The mean monthly concentration was determined by dividing the mean monthly loads by the mean monthly Q and a conversion factor of 0.001359. Results are in Table C1.

	Table C1: Mean Monthly Municipal and Industrial Salt Loads Discharged Directly to the LSJR					
	Modesto			Turlock		
Month	Mean Monthly Q (acre-feet)	Mean FWA TDS (mg/L)	Mean Monthly M&I Salt Loads (tons/month)	Mean Monthly Q (acre-feet)	Mean FWA TDS (mg/L)	Mean Monthly M&I Salt Loads (tons/month)
January	2,523	728	2,498	950	549	709
February	2,639	628	2,255	903	567	695
March	2,153	656	1,920	914	558	693
April	1,548	636	1,339	901	595	729
May	1,221	663	1,101	921	612	766
June				901	609	745
July				938	593	756
August				947	571	735
September				873	589	700
October	1,355	821	1,512	929	571	721
November	1,127	770	1,181	893	554	673
December	2,164	736	2,165	964	554	726
Mean Annual Totals	14,730		13,971	11,032		8,650
Irrigation Season Totals	2,769		2,440	4,607		3,732
Non-Irrigation Season Totals	11,961		11,531	6,425		4,918

Footnotes

Q = Discharge volume

FWA = flow weighted average concentration

TDS = total dissolved solids

mg/L = milligrams per liter

Mean monthly loads = TDS * Q

M&I = municipal and industrial

Irrigation season = April through August

Sources of Salt Loading

Municipalities and Connected Industries

The total municipal salt load generated by the eight municipalities (and their connected industries) located in the lower SJR is about 47 thousand tons/year (Attachment 1). The average annual flow rate from the municipalities sums to about 52 mgd (Table C2).

Table C2. Magnitude of Municipal Wastewater Effluent Flow Rates

Municipality	Effluent Flow Rate (mgd) ¹
Modesto	27
Turlock	11.4
Merced	7.1
Atwater	3.3
Newman	1.2
Gustine	0.8
Patterson	0.8
Planada	0.3
TOTAL	51.9

¹ Arithmetic yearly average flow rate of monthly average flow rates.

Direct Discharges To San Joaquin River Over Entire Year

Of the 47 thousand tons/year of salt load generated by the eight municipalities (and their connected industries), about 23 thousand tons/year are discharged directly into the San Joaquin River solely by Modesto and Turlock. The remaining 24 thousand tons/year of salt load are discharged to land irrigation or wetlands. The wastewater flow rate discharged to the San Joaquin River over the year averages to 21 mgd, with approximately 31 mgd from land irrigation or wetlands.

Direct Discharges to San Joaquin River During Irrigation and Non-Irrigation Seasons

Of the 23 thousand tons/year of salt load that directly enters the lower SJR, approximately 6,500 tons/year enters during the irrigation season and approximately 16,500 tons/year enters during the non-irrigation season. Additional data is shown in Attachment 1. The protocol used to estimate the US National Average personal salt contribution is summarized in Attachment 2. The raw data provided by the Cities of Modesto and Turlock, used to calculate mean monthly flows and salt loading are provided in Attachments 3 and 4 respectively.

External Industries

External industries not connected to municipal systems discharge about 7 thousand tons of salt per year (Table C3). The average annual flow rate from these sources is about 11 mgd (not counting the high flow rates and low EC values from the Calaveras Trout Farm). It is assumed that the external industries do not directly discharge to the SJR.

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Table C3. Salt Loads from External Industries

Industry	Flow Rate ¹ (mgd)	Electrical Conductivity ¹ (imhos/cm)	Salt Load (tons/yr)
San Joaquin Valley Dairymen	0.2	1030	200
Huntsman Film Products	0.3	290	90
Combined GE Groundwater Cleanup	1.2	450	530
California Department of Fish and Game	2.0	50	100
Calaveras Trout Farm	27	40	1050
Hershey	3.0	260	760
Hunt-Wesson	2.0	1300	2530
Baltimore Aircoil	---	---	---
Del Mar Seed Processor (now Sunseed)	0.06	1000	60
Flowers Worm Farm ²	N/A	N/A	N/A
U.S. Army Riverbank Cleanup	1.5	355	520
Stanislaus Farm Supply	0.22	1200	260
Western Farm Service, Vernalis	0.086	700	60
City of Modesto Grayson Well ³	0.3	1950	560
TOTAL	10.9⁴		6720

¹ Values are approximate.

² This facility has not submitted their monitoring reports.

³ Results from producing domestic water by electrodialysis.

⁴ Does not include the Calaveras Trout Farm.

Personal Use

Personal use of domestic supply water contributes approximately 8,200 tons of salt per year to the lower SJR. The source water for these people, using the 60 gallons/person/day national average and the actual EC from each of the municipalities' source waters, results in another 7,800 tons/year. This sums to a total of 16 thousand tons/year just from personal use.

This amounts to 34% of the actual 47 thousand tons/year of the municipal load (with its connected industries), indicating that approximately 31 thousand tons/year comes from the connected industries. It should be emphasized that these U.S. national average figures just give estimates for the Merced/Stanislaus municipalities of the production of salt loads through personal use. The calculated personal loads for each municipality are shown in Attachment 1 (and are called generic loads there).

Usage Increase In EC

The increase in electrical conductivity (EC) between the source water to the communities and its wastewater varies quite a bit. This increase ranges from 250 imhos/cm up to 3,360 imhos/cm, as shown in Table C4.

Table C4. Municipal and Industrial Additions to Source Water Salinity

Municipality	Source Water Electrical Conductivity (imhos/cm)	Wastewater Effluent Electrical Conductivity (imhos/cm)	Increase in Electrical Conductivity (imhos/cm)
Gustine	960	4320 ³	3360
Newman ¹	1550	2750	1200
Modesto ²	280	1280 ⁴	1000
Patterson	1360	1980 ^{3,5}	620
Turlock	510	810 ^{4,5}	300
Merced	330	610 ^{3,5}	280
Atwater	310	560 ^{3,5}	250
Planada	N/A ⁶	540 ³	N/A ⁶

¹ Source water and wastewater effluent electrical conductivity from Carollo Engineers report, from personal communication with City of Newman.

² Modesto source water assumed to be one-half Modesto Irrigation District water (60 imhos/cm) and one -half groundwater (525 imhos/cm). The EC of the MID source water was after its salinity had been increased to minimize pipeline corrosion. The wastewater effluent EC represents October through May only, as EC values are not measured during June through September (not required by NPDES permit). The EC was measured at the oxidation pond prior to discharge into the SJR, and not at the wastewater treatment plant.

³ The monthly EC values used in the calculations are from 1999.

⁴ The average EC obtained was for 1995 through 1998.

⁵ Flow-weighted from monthly data.

⁶ A Planada representative phoned to say that they do not measure the EC or TDS of their source water.

Discussion

Portion Of Population

Not all of the municipal and industrial salt loads generated in the lower San Joaquin River area were accounted for in this study. The total population of Merced and Stanislaus Counties is 633 thousand people (State Dept. of Finance, 1999). The eight municipalities above account for 342 thousand people, or 54% of the total population.

Population Vs Salt Loading Relationships

There is no direct relationship between a municipality's population and its salt loads, probably as a result of the specific industries connected to each municipality. For example, Merced (population 62,000) has about ten times more population than Newman (population 6,025), yet Merced has a total salt load of 4,280 tons/year while Newman has a total salt load of 3,460 tons/year.

Effects Of Industrial Inputs

Metcalf and Eddy (3rd edition) states that personal use of water adds 150-380 mg/L TDS without considering industrial additions. If 265 mg/L TDS is considered to be the average, and the relationship $EC = 0.65 \times TDS$ is used, this gives a national average increase in EC of 408 imhos/cm. (It is interesting to note that some future Regional Board NPDES permits will allow an EC increase of "source water + 600" imhos) Now, looking at Table C4, which shows data with industrial inputs included, one can say Atwater, Merced, Turlock, and Patterson are near or below the national average and therefore appear to have little industrial input. However, Modesto and Newman are two–three times this national average and thus reflect a sizeable input of industrial salts.

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Gustine is about eight times this national average and thus reflects a very large input of industrial salts.

Separating Personal Salt Contributions From Industrial Contributions

Utilization of the U.S. national averages can allow one to estimate the salt loads produced from personal use and that produced from industrial use (combining both connected industrial loads and external industrial loads). Use of the U.S. national averages estimates that 16 thousand tons/year are from personal use. Adding the remainder of the 47 thousand tons/year, which is 31 thousand tons/year, to the 7 thousand tons/year produced from external industrial loads gives an estimate of 38 thousand tons/year coming from all industrial loads. So 16 thousand tons/year is from personal use, and 38 thousand tons/year is from industrial use (all sources).

Groundwater Input To Salt Loads

While it has been estimated here that 23 thousand tons/year of salts directly enter the San Joaquin River, the remaining annual load of 24 thousand tons/year (47 thousand tons/year – 23 thousand tons/year) may also be entering the river through groundwater inflow. A determination of groundwater flow direction and hydraulic conductivity will be needed in order to substantiate this assumption.

Data Availability And Assumptions

Sufficient data was available to allow for estimations of the salt loads. More time and site-specific knowledge would allow for refinements to the estimations. Conversions between EC and TDS used the relationship $TDS = 0.65 \times EC$, which is only an approximate relationship.

References

Metcalf and Eddy, 1991. Wastewater Engineering, 3rd Edition.

Attachment 1. Discharge of Municipal Salt Load (tons) to the San Joaquin River During Irrigation and Non-Irrigation Seasons and Annually

Municipality (population)	IRRIGATION SEASON		NON-IRRIGATION SEASON		ANNUAL	
	Salt Load Generated April - August (5-months)	Salt Load - Direct River Discharges ¹	Salt Load Generated Sept - March (7-months)	Salt Load - Direct River Discharges	Salt Load Generated	Salt Load - Direct River Discharges
Modesto (184,600)						
Real Data ^{2,3}	10,892 ⁶	2,440 ⁷	13,741 ⁶	11,531 ⁷	24,362 ⁶	13,971 ⁷
Generic ^{4,5}	3,105	1,242	4,347	3,726	7,452	4,968
Merced (62,800)						
Real Data	1,876	0	2,404	0	4,280	0
Generic ⁸	1,245	0	1,743	0	2,988	0
Turlock (51,900)						
Real Data ⁷	3,732	3,732	4,918	4,918	8,650	8,650
Generic ⁹	1,000	1,000	1,400	1,400	2,400	2,400
Atwater (22,250)						
Real Data	744	0	1,062	0	1,810	0
Generic ¹⁰	385	0	539	0	924	0
Patterson (10,400)						
Real Data	640	0	984	0	1,624	0
Generic	450	0	630	0	1,080	0
Newman (6,025)						
Real Data ¹¹	1,440	0	2,016	0	3,460	0
Generic	258	0	360	0	617	0
GUSTINE (4,280)						
Real Data	990	0	1,718	0	2,711	0
Generic	142	0	199	0	341	0
PLANADA						
Real Data	85	0	119	0	205	0

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Attachment 1 Notes:

- ¹ Direct discharge to the San Joaquin River only, it does not include land disposal (i.e., irrigation, wetlands, subsurface drains, etc.) that may eventually enter the river.
- ² Modesto cannot discharge to the river from June through September.
- ³ This "real data" is used in the final determinations of salts to the river.
- ⁴ Generic mean adds the national mean (Metcalf and Eddy text) of an additional 265 mg/L of TDS per person to the source water TDS. This represents domestic use without including industrial additions.
- ⁵ Source water TDS obtained from Pat Ryan, Modesto Irrigation District and Lenora Hill, City of Modesto.
- ⁶ Calculated from 1998 real data.
- ⁷ Average of years 1995-1998.
- ⁸ Source water TDS obtained from Debbie Livermore, City of Merced.
- ⁹ Source water TDS obtained from Dan Madden, City of Turlock.
- ¹⁰ Source water EC obtained from Monte Hammamoto, City of Atwater.
- ¹¹ Real data summary from Carollo Engineers report, from personal communication with City of Newman.

Attachment 2. Estimation of Personal Salt Contributions Using U.S. National Averages¹

1. Metcalf and Eddy, Table 2.1, shows that the typical municipal water use in the U.S. ranges from 40-130 gallons/person/day, and that the average is 60 gallons/person/day.
2. Metcalf and Eddy, Table 3.19, shows that the increase in TDS from domestic use ranges from 150-380 mg/L, but gives no average increase. Assume for the purposes of this calculation that the increase will be the average of this, or 265 mg/L. These values do not include commercial or industrial contributions.
3. Multiplying the 60 gallons/person/day times the 265 mg/L gives 0.132 pounds of salt/person/day.
4. Multiplying the 0.132 pounds of salt/person/day times the population of a given municipality yields the pounds of salt added to the source water for that municipality. For example, Turlock has a 1999 population of 51,900 people, so its salt load from personal use would be 6,850 pounds of salt per day.
5. To then obtain the salt loads produced from Turlock from the source water one would then multiply the 60 gallons/person/day times the TDS of the source water (250 mg/L in the case of Turlock), to arrive at 0.125 pounds of salt per person per day. Multiplying this figure by the 51,900 people in Turlock gives 6,487 pounds of salt per day.
6. Then, the total salts estimated to be produced by Turlock from personal use = salts produced from personal use + salts from the source water = 6,850 pounds/day + 6,487 pounds/day = 13,337 pounds/day, or 6.7 tons/day.
7. It must be recalled that this is the salt contribution solely from personal use of the source water, based solely on U.S. national averages. To it must be added the salt contributions from commercial and industrial uses of the water.
8. The advantage of using the above figures are that they give us a ballpark figure of the personal salt loads generated by the San Joaquin River municipalities if no other data is available. They also allow us to look at the data from the San Joaquin River municipalities, which contains salts from industrial sources as well as from personal use, and subtract out the estimations of personal amounts to get a ballpark figure of the amounts of salt input by the industries.

¹ Information obtained from Wastewater Engineering, Metcalf and Eddy, 3rd Edition, 1991.

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Attachment 3: Flow Weighted Average (FWA) Concentrations						
Year	Month	Total Monthly Flow (acre-feet)	Partial Flow ¹ (acre-feet)	Q*TDS ² (dimensionless)	FWA TDS ³ (mg/L)	Load (tons) ⁴
1995	1	3,619	777	656,092	844	4,150
	2	2,674	738	599,426	812	2,950
	3	1,653	453	340,395	751	1,687
	4	1,742	478	333,348	698	1,651
	5	2,077	562	374,969	668	1,885
	6	0	0	0		
	7	0	0	0		
	8	0	0	0		
	9	0	0	0		
	10	1,289	212	172,645	813	1,424
	11	1,764	536	428,271	798	1,914
	12	2,414	542	438,236	809	2,654
1996	1	2,168	619	458,806	742	2,185
	2	2,582	822	570,611	694	2,435
	3	1,866	395	260,159	658	1,669
	4	1,921	484	322,811	667	1,741
	5	1,724	455	306,296	673	1,576
	6	0	0	0		
	7	0	0	0		
	8	0	0	0		
	9	0	0	0		
	10	0	0	0		
	11	249	59	49,283	832	281
	12	1,343	345	259,811	753	1,374
1997	1	2,614	591	415,445	703	2,499
	2	1,950	446	284,924	639	1,694
	3	1,561	380	234,954	618	1,311
	4	1,302	365	220,671	604	1,069
	5	1,066	277	171,375	618	896
	6	0	0	0		
	7	0	0	0		
	8	0	0	0		
	9	0	0	0		
	10	756	189	167,357	884	908
	11	496	137	112,649	825	556
	12	2,572	751	554,849	739	2,584
1998	1	3,051	735		660	2,738
	2	3,556	934		554	2,678
	3	4,243	1189		515	2,968
	4	1,838	521		507	1,267
	5	303	70		531	219
	6	0	0			
	7	0	0			
	8	0	0			
	9	0	0			
	10	2,021	571		803	2,205
	11	2,130	400		768	2,223
	12	3,378	1004		753	3,459

1-sum of flow for days in month when TDS data is reported
 2-sum flow multiplied TDS for days in month when both flow and TDS were reported
 3-TDS*Q divided by partial flow
 4-FWA TDS multiplied by total flow and a conversion factor of 0.001359

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Attachment 3: Flow Weighted Average (FWA) Concentrations						
Year	Month	Total Monthly Flow (acre-feet)	Partial Flow ¹ (acre-feet)	Q*TDS ² (dimensionless)	FWA TDS ³ (mg/L)	Load (tons) ⁴
1999	1	2,803	703	454,451	647	2,463
	2	3,062	708	405,631	573	2,385
	3	2,468	663	360,300	544	1,824
	4	1,227	412	238,468	578	964
	5	468	91	55,821	610	388
	6	0	0	0		
	7	0	0	0		
	8	0	0	0		
	9	0	0	0		
	10	0	0	0		
	11	649	67	51,514	770	679
	12	0	0	0		
2000	1	1,138	0	0		
	2	3,176	328	206,495	630	2,719
	3	3,613	532	302,354	568	2,790
	4	0	0	0		
	5	0	0	0		
	6	0	0	0		
	7	0	0	0		
	8	0	0	0		
	9	0	0	0		
	10	0	0	0		
	11	1,477	270	192,938	714	1,432
	12	2,460	318	212,486	668	2,232
2001	1	2,532	287	167,691	584	2,008
	2	2,760	356	203,867	572	2,146
	3	166	0	0		
	4	0	0	0		
	5	2,080	272	158,249	582	1,645
	6	0	0	0		
	7	0	0	0		
	8	0	0	0		
	9	0	0	0		
	10	0	0	0		
	11	0	0	0		
	12	818	108	66,882	619	689
2002	1	2,256	391	183,549	469	1,439
	2	1,349	203	113,828	562	1,030
	3	1,651	223	118,528	531	1,191
	4	1,257	0	0		
	5	830	0	0		

1-sum of flow for days in month when TDS data is reported
 2-sum flow multiplied TDS for days in month when both flow and TDS were reported
 3-TDS*Q divided by partial flow
 4-FWA TDS multiplied by total flow and a conversion factor of 0.001359

Attachments 4 & 5.

**Cities of Modesto and Turlock
Daily Waste Water
Discharge Monitoring
1995-2002**

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
1-Jan-1995		0.00			14.4	44			14	44
2-Jan-1995		0.00			14.3	44			14	44
3-Jan-1995		0.00			18.2	56	895	1580	18	56
4-Jan-1995		0.00			18.3	56			18	56
5-Jan-1995		0.00			21.3	65	956	1570	21	65
6-Jan-1995		0.00			21.2	65			21	65
7-Jan-1995		0.00			20	61			20	61
8-Jan-1995		0.00			30.6	94			31	94
9-Jan-1995		0.00			29.3	90			29	90
10-Jan-1995		0.00			36.6	112	890	1510	37	112
11-Jan-1995		0.00			47.7	146			48	146
12-Jan-1995		0.00			53	163			53	163
13-Jan-1995		0.00			50.8	156			51	156
14-Jan-1995		0.00			53	163			53	163
15-Jan-1995		0.00			50.1	154			50	154
16-Jan-1995		0.00		u	53	163			53	163
17-Jan-1995		0.00			52.9	162			53	162
18-Jan-1995		0.00			52.9	162			53	162
19-Jan-1995		0.00			50.9	156	820	1450	51	156
20-Jan-1995		0.00			45	138			45	138
21-Jan-1995		0.00			50.4	155			50	155
22-Jan-1995		0.00			50.6	155			51	155
23-Jan-1995		0.00			50.6	155			51	155
24-Jan-1995		0.00			43.1	132	816	1420	43	132
25-Jan-1995		0.00			40.7	125			41	125
26-Jan-1995		0.00			43.3	133	817	1440	43	133
27-Jan-1995		0.00			30.1	92			30	92
28-Jan-1995		0.00			29.7	91			30	91
29-Jan-1995		0.00			29.4	90			29	90
30-Jan-1995		0.00			37.8	116			38	116
31-Jan-1995		0.00			39.9	122	809	1370	40	122
1-Feb-1995		0.00			38.4	118			38	118
2-Feb-1995		0.00			39.2	120	811	1380	39	120
3-Feb-1995		0.00			40.9	126			41	126
4-Feb-1995		0.00			39.2	120			39	120
5-Feb-1995		0.00			46.2	142			46	142

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
6-Feb-1995	0.00			29	89				29	89
7-Feb-1995	0.00			41.1	126	815	1300		41	126
8-Feb-1995	0.00			37.5	115				38	115
9-Feb-1995	0.00			39.5	121	758	1280		40	121
10-Feb-1995	0.00			39.3	121				39	121
11-Feb-1995	0.00			39.5	121				40	121
12-Feb-1995	0.00			32	98				32	98
13-Feb-1995	0.00			26.4	81				26	81
14-Feb-1995	0.00			27.3	84	901	1360		27	84
15-Feb-1995	0.00			25.8	79				26	79
16-Feb-1995	0.00			27.3	84	789	1350		27	84
17-Feb-1995	0.00			29.9	92				30	92
18-Feb-1995	0.00			30.4	93				30	93
19-Feb-1995	0.00			29.8	91				30	91
20-Feb-1995	0.00			29.5	91				30	91
21-Feb-1995	0.00			21.4	66	828	1330		21	66
22-Feb-1995	0.00			23.3	72				23	72
23-Feb-1995	0.00			24.8	76	804	1310		25	76
24-Feb-1995	0.00			22.5	69				23	69
25-Feb-1995	0.00			21.8	67				22	67
26-Feb-1995	0.00			21.3	65				21	65
27-Feb-1995	0.00			28.1	86				28	86
28-Feb-1995	0.00			20	61	815	1280		20	61
1-Mar-1995	0.00			20.4	63				20	63
2-Mar-1995	0.00			20.3	62	796	1310		20	62
3-Mar-1995	0.00			19.9	61				20	61
4-Mar-1995	0.00			19.9	61				20	61
5-Mar-1995	0.00			19.3	59				19	59
6-Mar-1995	0.00			19.9	61				20	61
7-Mar-1995	0.00			20.1	62	768	1310		20	62
8-Mar-1995	0.00			18.2	56				18	56
9-Mar-1995	0.00			16.6	51	761			17	51
10-Mar-1995	0.00			26.6	82				27	82
11-Mar-1995	0.00			27.1	83				27	83
12-Mar-1995	0.00			23.5	72				24	72
13-Mar-1995	0.00			20.4	63				20	63
14-Mar-1995	0.00			15.5	48	752	1280		16	48

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
15-Mar-1995	0.00			13.7	42				14	42
16-Mar-1995	0.00			14.4	44	731	1260		14	44
17-Mar-1995	0.00			13.9	43				14	43
18-Mar-1995	0.00			14.2	44				14	44
19-Mar-1995	0.00			14	43				14	43
20-Mar-1995	0.00			14.5	44				15	44
21-Mar-1995	0.00			14.7	45	731	1240		15	45
22-Mar-1995	0.00			14.2	44				14	44
23-Mar-1995	0.00			14.5	44	739	1230		15	44
24-Mar-1995	0.00			14.2	44				14	44
25-Mar-1995	0.00			14.1	43				14	43
26-Mar-1995	0.00			13.6	42				14	42
27-Mar-1995	0.00			13.9	43				14	43
28-Mar-1995	0.00			14.1	43	726			14	43
29-Mar-1995	0.00			18.6	57				19	57
30-Mar-1995	0.00			17.5	54	732	1240		18	54
31-Mar-1995	0.00			16.8	52				17	52
1-Apr-1995	0.00			15.9	49				16	49
2-Apr-1995	0.00			17.5	54				18	54
3-Apr-1995	0.00			23.8	73				24	73
4-Apr-1995	0.00			25.8	79	715	1187		26	79
5-Apr-1995	0.00			26	80				26	80
6-Apr-1995	0.00			26.2	80	674	1187		26	80
7-Apr-1995	0.00			25.5	78				26	78
8-Apr-1995	0.00			25.5	78				26	78
9-Apr-1995	0.00			25.9	79				26	79
10-Apr-1995	0.00			24.2	74				24	74
11-Apr-1995	0.00			23.8	73	707	1220		24	73
12-Apr-1995	0.00			23.8	73				24	73
13-Apr-1995	0.00			22.8	70	710			23	70
14-Apr-1995	0.00			21.8	67				22	67
15-Apr-1995	0.00			22.9	70				23	70
16-Apr-1995	0.00			19.3	59				19	59
17-Apr-1995	0.00			12.9	40				13	40
18-Apr-1995	0.00			12.5	38	713	1230		13	38
19-Apr-1995	0.00			11.2	34				11	34
20-Apr-1995	0.00			12.4	38	706	1240		12	38

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
21-Apr-1995		0.00			12.4	38			12	38
22-Apr-1995		0.00			11.8	36			12	36
23-Apr-1995		0.00			11.2	34			11	34
24-Apr-1995		0.00			14.8	45			15	45
25-Apr-1995		0.00			16	49	662	1300	16	49
26-Apr-1995		0.00			16.9	52			17	52
27-Apr-1995		0.00			16.2	50	694	1200	16	50
28-Apr-1995		0.00			16.2	50			16	50
29-Apr-1995		0.00			16.2	50			16	50
30-Apr-1995		0.00			16.2	50			16	50
1-May-1995		0.00			15.6	48			16	48
2-May-1995		0.00			16.2	50	671	1320	16	50
3-May-1995	4.60	14.12			21.5	66			26	80
4-May-1995	4.00	12.28			17.5	54	652	1330	22	66
5-May-1995	3.70	11.35			17.5	54			21	65
6-May-1995		0.00			17.5	54			18	54
7-May-1995		0.00			17.5	54			18	54
8-May-1995	5.60	17.19			17.5	54			23	71
9-May-1995	6.50	19.95			17.5	54	696	1240	24	74
10-May-1995	21.50	65.98			21.5	66			43	132
11-May-1995	21.10	64.75			20.1	62	690	1230	41	126
12-May-1995	19.80	60.76			20.1	62			40	122
13-May-1995		0.00			30	92			30	92
14-May-1995		0.00			30	92			30	92
15-May-1995	18.40	56.47			25.8	79			44	136
16-May-1995	13.30	40.82			22.9	70	682	1060	36	111
17-May-1995	17.40	53.40			25.8	79			43	133
18-May-1995	16.60	50.94			24.3	75	549	1210	41	126
19-May-1995	15.90	48.80			25.8	79			42	128
20-May-1995	7.20	22.10			25.8	79			33	101
21-May-1995		0.00			25.8	79			26	79
22-May-1995	15.70	48.18			25.8	79			42	127
23-May-1995	16.90	51.86			22.9	70	697	1240	40	122
24-May-1995	9.10	27.93			25.8	79			35	107
25-May-1995		0.00			25.8	79	691	1180	26	79
26-May-1995	18.50	56.77			24.3	75			43	131
27-May-1995	12.40	38.05			24.2	74			37	112

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
28-May-1995		0.00			24.3	75			24	75
29-May-1995	15.30	46.95			22.9	70			38	117
30-May-1995	15.80	48.49			15.8	48	703	1180	32	97
31-May-1995	16.20	49.72			8.8	27			25	77
1-Jun-1995	7.60	23.32			0				8	23
2-Jun-1995	7.50	23.02			0				8	23
3-Jun-1995	10.30	31.61			0				10	32
4-Jun-1995		0.00			0				0	0
5-Jun-1995	11.40	34.99			0				11	35
6-Jun-1995	18.90	58.00			0				19	58
7-Jun-1995	13.70	42.04			0				14	42
8-Jun-1995	19.20	58.92			0				19	59
9-Jun-1995	14.30	43.88			0				14	44
10-Jun-1995	7.10	21.79			0				7	22
11-Jun-1995	3.10	9.51			0				3	10
12-Jun-1995	17.90	54.93			0				18	55
13-Jun-1995	27.70	85.01			0				28	85
14-Jun-1995	10.30	31.61			0				10	32
15-Jun-1995	17.10	52.48			0				17	52
16-Jun-1995	21.60	66.29			0				22	66
17-Jun-1995	15.60	47.87			0				16	48
18-Jun-1995		0.00			0				0	0
19-Jun-1995	14.40	44.19			0				14	44
20-Jun-1995	15.60	47.87			0				16	48
21-Jun-1995	26.10	80.10			0				26	80
22-Jun-1995	18.60	57.08			0				19	57
23-Jun-1995	16.30	50.02			0				16	50
24-Jun-1995	16.50	50.64			0				17	51
25-Jun-1995		0.00			0				0	0
26-Jun-1995		0.00			0				0	0
27-Jun-1995		0.00			0				0	0
28-Jun-1995		0.00			0				0	0
29-Jun-1995		0.00			0				0	0
30-Jun-1995		0.00			0				0	0
1-Jul-1995	14.60	44.81			0				15	45
2-Jul-1995		0.00			0				0	0
3-Jul-1995	16.30	50.02			0				16	50

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
4-Jul-1995	15.80	48.49				0			16	48
5-Jul-1995	22.20	68.13				0			22	68
6-Jul-1995	21.90	67.21				0			22	67
7-Jul-1995	23.60	72.43				0			24	72
8-Jul-1995	9.30	28.54				0			9	29
9-Jul-1995		0.00				0			0	0
10-Jul-1995	24.30	74.57				0			24	75
11-Jul-1995	23.20	71.20				0			23	71
12-Jul-1995	20.10	61.68				0			20	62
13-Jul-1995	14.20	43.58				0			14	44
14-Jul-1995	7.30	22.40				0			7	22
15-Jul-1995	11.00	33.76				0			11	34
16-Jul-1995		0.00				0			0	0
17-Jul-1995	28.70	88.08				0			29	88
18-Jul-1995	19.50	59.84				0			20	60
19-Jul-1995	16.30	50.02				0			16	50
20-Jul-1995	20.00	61.38				0			20	61
21-Jul-1995	10.30	31.61				0			10	32
22-Jul-1995	7.70	23.63				0			8	24
23-Jul-1995		0.00				0			0	0
24-Jul-1995	11.00	33.76				0			11	34
25-Jul-1995	18.30	56.16				0			18	56
26-Jul-1995	12.00	36.83				0			12	37
27-Jul-1995	12.70	38.97				0			13	39
28-Jul-1995	17.80	54.63				0			18	55
29-Jul-1995	19.60	60.15				0			20	60
30-Jul-1995		0.00				0			0	0
31-Jul-1995	23.00	70.58				0			23	71
1-Aug-1995	28.50	87.46				0			29	87
2-Aug-1995	12.60	38.67				0			13	39
3-Aug-1995	21.90	67.21				0			22	67
4-Aug-1995	30.10	92.37				0			30	92
5-Aug-1995	8.20	25.16				0			8	25
6-Aug-1995		0.00				0			0	0
7-Aug-1995	22.80	69.97				0			23	70
8-Aug-1995	14.70	45.11				0			15	45
9-Aug-1995	11.90	36.52				0			12	37

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
10-Aug-1995	21.90	67.21			0				22	67
11-Aug-1995	33.10	101.58			0				33	102
12-Aug-1995	14.60	44.81			0				15	45
13-Aug-1995		0.00			0				0	0
14-Aug-1995	21.40	65.67			0				21	66
15-Aug-1995	24.50	75.19			0				25	75
16-Aug-1995	10.50	32.22			0				11	32
17-Aug-1995	13.10	40.20			0				13	40
18-Aug-1995	23.90	73.35			0				24	73
19-Aug-1995	9.00	27.62			0				9	28
20-Aug-1995		0.00			0				0	0
21-Aug-1995	29.10	89.30			0				29	89
22-Aug-1995	29.40	90.23			0				29	90
23-Aug-1995	13.00	39.90			0				13	40
24-Aug-1995	14.20	43.58			0				14	44
25-Aug-1995	16.50	50.64			0				17	51
26-Aug-1995	13.00	39.90			0				13	40
27-Aug-1995		0.00			0				0	0
28-Aug-1995	26.30	80.71			0				26	81
29-Aug-1995	7.80	23.94			0				8	24
30-Aug-1995	16.60	50.94			0				17	51
31-Aug-1995	37.10	113.86			0				37	114
1-Sep-1995	21.50	65.98			0				22	66
2-Sep-1995	9.90	30.38			0				10	30
3-Sep-1995		0.00			0				0	0
4-Sep-1995	10.80	33.14			0				11	33
5-Sep-1995	24.30	74.57			0				24	75
6-Sep-1995	22.60	69.36			0				23	69
7-Sep-1995	20.00	61.38			0				20	61
8-Sep-1995	6.80	20.87			0				7	21
9-Sep-1995	16.90	51.86			0				17	52
10-Sep-1995		0.00			0				0	0
11-Sep-1995	16.50	50.64			0				17	51
12-Sep-1995	28.30	86.85			0				28	87
13-Sep-1995	16.80	51.56			0				17	52
14-Sep-1995	8.80	27.01			0				9	27
15-Sep-1995	10.40	31.92			0				10	32

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
16-Sep-1995	12.00	36.83				0			12	37
17-Sep-1995		0.00				0			0	0
18-Sep-1995	13.70	42.04				0			14	42
19-Sep-1995	13.40	41.12				0			13	41
20-Sep-1995	20.40	62.61				0			20	63
21-Sep-1995	17.00	52.17				0			17	52
22-Sep-1995	9.60	29.46				0			10	29
23-Sep-1995	7.60	23.32				0			8	23
24-Sep-1995		0.00				0			0	0
25-Sep-1995	5.90	18.11				0			6	18
26-Sep-1995	14.90	45.73				0			15	46
27-Sep-1995	12.20	37.44				0			12	37
28-Sep-1995	10.50	32.22				0			11	32
29-Sep-1995	20.00	61.38				0			20	61
30-Sep-1995	13.00	39.90				0			13	40
1-Oct-1995		0.00				0			0	0
2-Oct-1995	20.30	62.30				0			20	62
3-Oct-1995	24.00	73.65			10.4	32	744	1470	34	106
4-Oct-1995	17.40	53.40			13.8	42			31	96
5-Oct-1995	8.50	26.09			13.8	42		1480	22	68
6-Oct-1995	15.10	46.34			13.8	42			29	89
7-Oct-1995	1.20	3.68			13.8	42			15	46
8-Oct-1995		0.00			13.8	42			14	42
9-Oct-1995	15.80	48.49			13.8	42			30	91
10-Oct-1995	18.60	57.08			13.8	42	805	1490	32	99
11-Oct-1995	11.50	35.29			13.8	42			25	78
12-Oct-1995	14.00	42.96			13.8	42		1470	28	85
13-Oct-1995	15.00	46.03			13.8	42			29	88
14-Oct-1995	6.10	18.72			13.8	42			20	61
15-Oct-1995		0.00			16.2	50			16	50
16-Oct-1995	6.00	18.41			16.2	50			22	68
17-Oct-1995	0.60	1.84			15	46	880	1490	16	48
18-Oct-1995	1.10	3.38			15	46			16	49
19-Oct-1995	6.40	19.64			15	46		1480	21	66
20-Oct-1995	1.50	4.60			15	46			17	51
21-Oct-1995	5.30	16.27			13.8	42			19	59
22-Oct-1995		0.00			15	46			15	46

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
23-Oct-1995	11.20	34.37			16.2	50			27	84
24-Oct-1995	8.60	26.39			15	46	809	1480	24	72
25-Oct-1995	18.00	55.24			15	46			33	101
26-Oct-1995	9.30	28.54			15.3	47		1510	25	75
27-Oct-1995	12.30	37.75			15	46			27	84
28-Oct-1995	3.70	11.35			15	46			19	57
29-Oct-1995		0.00			15	46			15	46
30-Oct-1995	18.10	55.55			15	46			33	102
31-Oct-1995	2.60	7.98			15	46	805	1470	18	54
1-Nov-1995	6.90	21.18			15	46			22	67
2-Nov-1995	8.20	25.16			15	46		1470	23	71
3-Nov-1995	5.00	15.34			18.8	58			24	73
4-Nov-1995	3.00	9.21			18.8	58			22	67
5-Nov-1995		0.00			18.8	58			19	58
6-Nov-1995	9.80	30.08			20.1	62			30	92
7-Nov-1995		0.00			24.3	75	828	1470	24	75
8-Nov-1995		0.00			24.3	75			24	75
9-Nov-1995	8.30	25.47			21.5	66	851		30	91
10-Nov-1995	6.00	18.41			21.5	66			28	84
11-Nov-1995	7.80	23.94				0			8	24
12-Nov-1995		0.00				0			0	0
13-Nov-1995	7.10	21.79			8.4	26			16	48
14-Nov-1995	6.50	19.95			21.5	66	764	1480	28	86
15-Nov-1995	4.30	13.20			22.9	70			27	83
16-Nov-1995	8.00	24.55			21.5	66	813	1490	30	91
17-Nov-1995	6.80	20.87			21.5	66			28	87
18-Nov-1995	8.00	24.55			21.5	66			30	91
19-Nov-1995		0.00			21.5	66			22	66
20-Nov-1995	4.80	14.73			22.9	70			28	85
21-Nov-1995	1.20	3.68			21.5	66	762	1480	23	70
22-Nov-1995	3.90	11.97			21.5	66			25	78
23-Nov-1995		0.00			21.5	66	750	1490	22	66
24-Nov-1995	17.70	54.32			21.5	66			39	120
25-Nov-1995	9.10	27.93			21.5	66			31	94
26-Nov-1995		0.00			21.5	66			22	66
27-Nov-1995	8.10	24.86			21.5	66			30	91
28-Nov-1995	6.80	20.87			21.5	66	787	1440	28	87

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
29-Nov-1995	0.20	0.61			21.5	66			22	67
30-Nov-1995	7.00	21.48			21.5	66	828	1430	29	87
1-Dec-1995	6.60	20.25			21.5	66			28	86
2-Dec-1995		0.00			21.5	66			22	66
3-Dec-1995		0.00			21.5	66			22	66
4-Dec-1995	3.90	11.97			24.3	75			28	87
5-Dec-1995		0.00			22.9	70	838	1430	23	70
6-Dec-1995	10.30	31.61			21.5	66			32	98
7-Dec-1995	4.40	13.50			21.5	66	782	1420	26	79
8-Dec-1995	2.20	6.75			21.5	66			24	73
9-Dec-1995		0.00			22.9	70			23	70
10-Dec-1995		0.00			22.9	70			23	70
11-Dec-1995		0.00			22.9	70			23	70
12-Dec-1995		0.00			22.9	70	813	1410	23	70
13-Dec-1995		0.00			27.3	84			27	84
14-Dec-1995		0.00			27.3	84	886		27	84
15-Dec-1995		0.00			27.3	84			27	84
16-Dec-1995		0.00			27.3	84			27	84
17-Dec-1995		0.00			27.3	84			27	84
18-Dec-1995		0.00			27.3	84			27	84
19-Dec-1995		0.00			27.3	84	770	1380	27	84
20-Dec-1995		0.00			27.3	84			27	84
21-Dec-1995		0.00			27.3	84			27	84
22-Dec-1995		0.00			27.3	84			27	84
23-Dec-1995		0.00			27.3	84			27	84
24-Dec-1995		0.00			27.3	84			27	84
25-Dec-1995		0.00			27.3	84			27	84
26-Dec-1995		0.00			27.3	84	780	1360	27	84
27-Dec-1995		0.00			27.3	84			27	84
28-Dec-1995		0.00			27.3	84	794	1400	27	84
29-Dec-1995		0.00			27.3	84			27	84
30-Dec-1995		0.00			27.3	84			27	84
31-Dec-1995		0.00			27.3	84			27	84
1-Jan-1996		0.00			27.3	84			27	84
2-Jan-1996		0.00			27.3	84	750	1340	27	84
3-Jan-1996		0.00			27.3	84			27	84
4-Jan-1996		0.00			27.3	84	820	1320	27	84

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
5-Jan-1996		0.00			25.8	79			26	79
6-Jan-1996		0.00			21.5	66			22	66
7-Jan-1996		0.00			22.9	70			23	70
8-Jan-1996		0.00			21.8	67			22	67
9-Jan-1996		0.00			20.1	62	793	1340	20	62
10-Jan-1996		0.00			16.2	50			16	50
11-Jan-1996		0.00			16.2	50	748	1340	16	50
12-Jan-1996		0.00			17.5	54			18	54
13-Jan-1996		0.00			17.5	54			18	54
14-Jan-1996		0.00			18.8	58			19	58
15-Jan-1996		0.00			18.8	58			19	58
16-Jan-1996		0.00			18.8	58	722	1310	19	58
17-Jan-1996		0.00			18.8	58			19	58
18-Jan-1996		0.00			18.8	58	736	1310	19	58
19-Jan-1996		0.00			22.9	70			23	70
20-Jan-1996		0.00			24.3	75			24	75
21-Jan-1996		0.00			24.3	75			24	75
22-Jan-1996		0.00			24.3	75			24	75
23-Jan-1996		0.00			21.5	66	699	1250	22	66
24-Jan-1996		0.00			21.5	66			22	66
25-Jan-1996		0.00			25.8	79	720	1250	26	79
26-Jan-1996		0.00			27.3	84			27	84
27-Jan-1996		0.00			25.8	79			26	79
28-Jan-1996		0.00			25.8	79			26	79
29-Jan-1996		0.00			25.8	79			26	79
30-Jan-1996		0.00			25.8	79	681	1220	26	79
31-Jan-1996		0.00			28.8	88			29	88
1-Feb-1996		0.00			27.3	84	727	1230	27	84
2-Feb-1996		0.00			28.8	88			29	88
3-Feb-1996		0.00			28.8	88			29	88
4-Feb-1996		0.00			30.4	93			30	93
5-Feb-1996		0.00			28.8	88			29	88
6-Feb-1996		0.00			28.8	88	699	1230	29	88
7-Feb-1996		0.00			28.8	88			29	88
8-Feb-1996		0.00			21.5	66	845	1200	22	66
9-Feb-1996		0.00			22.9	70			23	70
10-Feb-1996		0.00			27.3	84			27	84

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
11-Feb-1996		0.00			28.8	88			29	88
12-Feb-1996		0.00			28.8	88			29	88
13-Feb-1996		0.00			30.4	93	712	1230	30	93
14-Feb-1996		0.00			32	98			32	98
15-Feb-1996		0.00			32	98	658	1190	32	98
16-Feb-1996		0.00			32	98			32	98
17-Feb-1996		0.00			32	98			32	98
18-Feb-1996		0.00			32	98			32	98
19-Feb-1996		0.00			32	98			32	98
20-Feb-1996		0.00			32	98	665	1180	32	98
21-Feb-1996		0.00			32	98			32	98
22-Feb-1996		0.00			32	98	684	1190	32	98
23-Feb-1996		0.00			32	98			32	98
24-Feb-1996		0.00			32	98			32	98
25-Feb-1996		0.00			32	98			32	98
26-Feb-1996		0.00			32	98			32	98
27-Feb-1996		0.00			32	98	647	1240	32	98
28-Feb-1996	6.40	19.64			0				6	20
29-Feb-1996		0.00			32	98	663		32	98
1-Mar-1996		0.00			32	98			32	98
2-Mar-1996		0.00			32	98			32	98
3-Mar-1996		0.00			32	98			32	98
4-Mar-1996		0.00			32	98			32	98
5-Mar-1996		0.00			32	98	650	1140	32	98
6-Mar-1996		0.00			32	98			32	98
7-Mar-1996		0.00			32	98	649	1160	32	98
8-Mar-1996		0.00			32	98			32	98
9-Mar-1996		0.00			27.3	84			27	84
10-Mar-1996		0.00			27.3	84			27	84
11-Mar-1996		0.00			22.9	70			23	70
12-Mar-1996		0.00			0				0	0
13-Mar-1996		0.00			16.2	50			16	50
14-Mar-1996		0.00			12.4	38			12	38
15-Mar-1996		0.00			19	58			19	58
16-Mar-1996		0.00			13.8	42			14	42
17-Mar-1996		0.00			0				0	0
18-Mar-1996		0.00			11.8	36			12	36

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
19-Mar-1996		0.00			16.2	50	652	1120	16	50
20-Mar-1996		0.00			16.2	50			16	50
21-Mar-1996		0.00			16.2	50	660	1110	16	50
22-Mar-1996		0.00			16.2	50			16	50
23-Mar-1996		0.00			16.2	50			16	50
24-Mar-1996		0.00			16.2	50			16	50
25-Mar-1996		0.00			16.2	50			16	50
26-Mar-1996		0.00			16.2	50	677	1114	16	50
27-Mar-1996		0.00			16.2	50			16	50
28-Mar-1996		0.00			16.2	50	678	1132	16	50
29-Mar-1996		0.00			16.2	50			16	50
30-Mar-1996		0.00			16.2	50			16	50
31-Mar-1996		0.00			7	21			7	21
1-Apr-1996		0.00			13.8	42			14	42
2-Apr-1996	15.00	46.03			16.2	50	633	1127	31	96
3-Apr-1996	3.70	11.35			17.5	54			21	65
4-Apr-1996	6.90	21.18			17.5	54	680	1102	24	75
5-Apr-1996	8.60	26.39			17.5	54			26	80
6-Apr-1996		0.00			18.8	58			19	58
7-Apr-1996		0.00			21.5	66			22	66
8-Apr-1996	37.50	115.08			21.5	66			59	181
9-Apr-1996	22.60	69.36			17.7	54	680	1133	40	124
10-Apr-1996	12.10	37.13			20.1	62			32	99
11-Apr-1996	22.40	68.74			20.1	62	676	1142	43	130
12-Apr-1996	27.40	84.09			20.1	62			48	146
13-Apr-1996		0.00			18.8	58			19	58
14-Apr-1996		0.00			22.9	70			23	70
15-Apr-1996	18.80	57.69			21.5	66			40	124
16-Apr-1996	9.10	27.93			17.5	54	689	1126	27	82
17-Apr-1996	3.70	11.35			18.8	58			23	69
18-Apr-1996	7.00	21.48			21.5	66		1083	29	87
19-Apr-1996		0.00			22.9	70			23	70
20-Apr-1996		0.00			22.9	70			23	70
21-Apr-1996		0.00			22.9	70			23	70
22-Apr-1996	16.50	50.64			22	68			39	118
23-Apr-1996	13.40	41.12			21.5	66	668	1101	35	107
24-Apr-1996	11.70	35.91			22.9	70			35	106

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
25-Apr-1996	9.60	29.46			22.9	70	671	1118	33	100
26-Apr-1996	22.50	69.05			22.9	70			45	139
27-Apr-1996	16.40	50.33			22.9	70			39	121
28-Apr-1996		0.00			27.3	84			27	84
29-Apr-1996	17.70	54.32			27.3	84			45	138
30-Apr-1996	11.50	35.29			24.3	75	643	1119	36	110
1-May-1996	12.10	37.13			21.5	66			34	103
2-May-1996	17.60	54.01			24.3	75	640	1138	42	129
3-May-1996	12.90	39.59			21.5	66			34	106
4-May-1996	8.70	26.70			22.9	70			32	97
5-May-1996		0.00			25.8	79			26	79
6-May-1996	10.90	33.45			24.3	75			35	108
7-May-1996	13.50	41.43			20.1	62	700	1177	34	103
8-May-1996	9.30	28.54			20.1	62			29	90
9-May-1996	11.90	36.52			20.5	63	664	1156	32	99
10-May-1996	12.70	38.97			21.5	66			34	105
11-May-1996	9.30	28.54			21.5	66			31	95
12-May-1996		0.00			24.3	75			24	75
13-May-1996	15.80	48.49			20.1	62			36	110
14-May-1996	11.70	35.91			21.5	66	687	1155	33	102
15-May-1996	3.90	11.97			22.9	70			27	82
16-May-1996	1.30	3.99			24.3	75	667	1140	26	79
17-May-1996	5.50	16.88			24.3	75			30	91
18-May-1996	3.00	9.21			22.9	70			26	79
19-May-1996		0.00			20.1	62			20	62
20-May-1996	12.30	37.75			21.5	66			34	104
21-May-1996	9.70	29.77			15	46	681	1175	25	76
22-May-1996	18.80	57.69			13.8	42			33	100
23-May-1996	18.50	56.77			13.8	42	683	1199	32	99
24-May-1996	15.60	47.87			15	46			31	94
25-May-1996	3.00	9.21			15	46			18	55
26-May-1996		0.00			15	46			15	46
27-May-1996	15.20	46.65			13.8	42			29	89
28-May-1996	20.00	61.38			8.9	27	669	1176	29	89
29-May-1996	22.00	67.52			5.5	17			28	84
30-May-1996	18.10	55.55			0				18	56
31-May-1996	18.50	56.77			0				19	57

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
1-Jun-1996	13.40	41.12				0			13	41
2-Jun-1996		0.00				0			0	0
3-Jun-1996	20.70	63.53				0			21	64
4-Jun-1996	21.30	65.37				0			21	65
5-Jun-1996	21.30	65.37				0			21	65
6-Jun-1996	32.30	99.12				0			32	99
7-Jun-1996	27.80	85.31				0			28	85
8-Jun-1996	9.00	27.62				0			9	28
9-Jun-1996		0.00				0			0	0
10-Jun-1996	21.50	65.98				0			22	66
11-Jun-1996	16.90	51.86				0			17	52
12-Jun-1996	19.30	59.23				0			19	59
13-Jun-1996	27.40	84.09				0			27	84
14-Jun-1996	31.10	95.44				0			31	95
15-Jun-1996	20.90	64.14				0			21	64
16-Jun-1996	8.40	25.78				0			8	26
17-Jun-1996	21.00	64.45				0			21	64
18-Jun-1996	24.40	74.88				0			24	75
19-Jun-1996	15.70	48.18				0			16	48
20-Jun-1996	18.90	58.00				0			19	58
21-Jun-1996	24.70	75.80				0			25	76
22-Jun-1996	10.60	32.53				0			11	33
23-Jun-1996		0.00				0			0	0
24-Jun-1996	39.00	119.69				0			39	120
25-Jun-1996	24.60	75.49				0			25	75
26-Jun-1996	20.30	62.30				0			20	62
27-Jun-1996	20.30	62.30				0			20	62
28-Jun-1996	8.80	27.01				0			9	27
29-Jun-1996	13.10	40.20				0			13	40
30-Jun-1996		0.00				0			0	0
1-Jul-1996	23.40	71.81				0			23	72
2-Jul-1996	29.50	90.53				0			30	91
3-Jul-1996	27.50	84.39				0			28	84
4-Jul-1996	27.70	85.01				0			28	85
5-Jul-1996	27.30	83.78				0			27	84
6-Jul-1996	4.80	14.73				0			5	15
7-Jul-1996		0.00				0			0	0

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
8-Jul-1996	49.00	150.38			0				49	150
9-Jul-1996	37.10	113.86			0				37	114
10-Jul-1996	32.10	98.51			0				32	99
11-Jul-1996	13.20	40.51			0				13	41
12-Jul-1996	6.40	19.64			0				6	20
13-Jul-1996	4.70	14.42			0				5	14
14-Jul-1996		0.00			0				0	0
15-Jul-1996	20.60	63.22			0				21	63
16-Jul-1996	24.30	74.57			0				24	75
17-Jul-1996	18.80	57.69			0				19	58
18-Jul-1996	14.10	43.27			0				14	43
19-Jul-1996	18.40	56.47			0				18	56
20-Jul-1996	20.80	63.83			0				21	64
21-Jul-1996		0.00			0				0	0
22-Jul-1996	22.20	68.13			0				22	68
23-Jul-1996	11.80	36.21			0				12	36
24-Jul-1996	12.90	39.59			0				13	40
25-Jul-1996	12.50	38.36			0				13	38
26-Jul-1996	14.60	44.81			0				15	45
27-Jul-1996	12.20	37.44			0				12	37
28-Jul-1996		0.00			0				0	0
29-Jul-1996	20.10	61.68			0				20	62
30-Jul-1996	17.50	53.71			0				18	54
31-Jul-1996	13.70	42.04			0				14	42
1-Aug-1996	39.80	122.14			0				40	122
2-Aug-1996	27.30	83.78			0				27	84
3-Aug-1996	5.90	18.11		800	0				6	18
4-Aug-1996		0.00			0				0	0
5-Aug-1996	20.90	64.14			0				21	64
6-Aug-1996	21.40	65.67			0				21	66
7-Aug-1996	17.00	52.17			0				17	52
8-Aug-1996	19.00	58.31			0				19	58
9-Aug-1996	25.90	79.48			0				26	79
10-Aug-1996	1.00	3.07			0				1	3
11-Aug-1996		0.00			0				0	0
12-Aug-1996	14.70	45.11			0				15	45
13-Aug-1996	18.00	55.24			0				18	55

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
14-Aug-1996	29.70	91.15			0				30	91
15-Aug-1996	41.70	127.97			0				42	128
16-Aug-1996	14.70	45.11			0				15	45
17-Aug-1996	12.90	39.59			0				13	40
18-Aug-1996	0.00				0				0	0
19-Aug-1996	14.00	42.96			0				14	43
20-Aug-1996	22.90	70.28			0				23	70
21-Aug-1996	15.20	46.65		800	0				15	47
22-Aug-1996	15.30	46.95			0				15	47
23-Aug-1996	10.00	30.69			0				10	31
24-Aug-1996	11.30	34.68			0				11	35
25-Aug-1996	0.00				0				0	0
26-Aug-1996	21.30	65.37			0				21	65
27-Aug-1996	38.30	117.54			0				38	118
28-Aug-1996	11.20	34.37			0				11	34
29-Aug-1996	36.00	110.48			0				36	110
30-Aug-1996	16.90	51.86			0				17	52
31-Aug-1996	3.00	9.21			0				3	9
1-Sep-1996	0.00				0				0	0
2-Sep-1996	27.10	83.17			0				27	83
3-Sep-1996	18.80	57.69			0				19	58
4-Sep-1996	16.90	51.86			0				17	52
5-Sep-1996	13.60	41.74			0				14	42
6-Sep-1996	19.50	59.84			0				20	60
7-Sep-1996	9.10	27.93			0				9	28
8-Sep-1996	0.00				0				0	0
9-Sep-1996	23.40	71.81			0				23	72
10-Sep-1996	7.50	23.02			0				8	23
11-Sep-1996	22.60	69.36			0				23	69
12-Sep-1996	32.70	100.35			0				33	100
13-Sep-1996	8.80	27.01			0				9	27
14-Sep-1996	12.90	39.59			0				13	40
15-Sep-1996	0.00				0				0	0
16-Sep-1996	13.60	41.74			0				14	42
17-Sep-1996	22.30	68.44			0				22	68
18-Sep-1996	14.80	45.42			0				15	45
19-Sep-1996	16.00	49.10			0				16	49

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
20-Sep-1996	6.70	20.56				0			7	21
21-Sep-1996	5.20	15.96				0			5	16
22-Sep-1996		0.00				0			0	0
23-Sep-1996	17.90	54.93				0			18	55
24-Sep-1996	5.00	15.34				0			5	15
25-Sep-1996	11.70	35.91		840		0			12	36
26-Sep-1996	14.60	44.81				0			15	45
27-Sep-1996	12.40	38.05				0			12	38
28-Sep-1996	3.30	10.13				0			3	10
29-Sep-1996		0.00				0			0	0
30-Sep-1996	28.60	87.77				0			29	88
1-Oct-1996	13.40	41.12				0			13	41
2-Oct-1996	9.80	30.08				0			10	30
3-Oct-1996	5.00	15.34				0			5	15
4-Oct-1996	10.10	31.00				0			10	31
5-Oct-1996	11.50	35.29				0			12	35
6-Oct-1996		0.00				0			0	0
7-Oct-1996	16.80	51.56				0			17	52
8-Oct-1996	15.40	47.26				0			15	47
9-Oct-1996	15.80	48.49				0			16	48
10-Oct-1996	19.50	59.84				0			20	60
11-Oct-1996	10.30	31.61				0			10	32
12-Oct-1996	5.10	15.65				0			5	16
13-Oct-1996		0.00				0			0	0
14-Oct-1996	15.80	48.49				0			16	48
15-Oct-1996	13.50	41.43				0			14	41
16-Oct-1996	17.80	54.63				0			18	55
17-Oct-1996	7.50	23.02				0			8	23
18-Oct-1996	12.10	37.13				0			12	37
19-Oct-1996	5.80	17.80				0			6	18
20-Oct-1996		0.00				0			0	0
21-Oct-1996	10.80	33.14				0			11	33
22-Oct-1996	17.20	52.78				0			17	53
23-Oct-1996	8.30	25.47				0			8	25
24-Oct-1996	5.00	15.34				0			5	15
25-Oct-1996	6.00	18.41				0			6	18
26-Oct-1996	2.50	7.67				0			3	8

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
27-Oct-1996		0.00			0				0	0
28-Oct-1996	15.20	46.65			0				15	47
29-Oct-1996	0.40	1.23			0				0	1
30-Oct-1996		0.00			0				0	0
31-Oct-1996		0.00			0				0	0
1-Nov-1996		0.00			0				0	0
2-Nov-1996		0.00			0				0	0
3-Nov-1996		0.00			0				0	0
4-Nov-1996		0.00			0				0	0
5-Nov-1996		0.00			0				0	0
6-Nov-1996		0.00			0				0	0
7-Nov-1996		0.00			0				0	0
8-Nov-1996		0.00			0				0	0
9-Nov-1996		0.00			0				0	0
10-Nov-1996		0.00			0				0	0
11-Nov-1996		0.00			0				0	0
12-Nov-1996		0.00			0				0	0
13-Nov-1996		0.00			0				0	0
14-Nov-1996		0.00			0				0	0
15-Nov-1996	7.80	23.94			0				8	24
16-Nov-1996	7.20	22.10			0				7	22
17-Nov-1996		0.00			0				0	0
18-Nov-1996		0.00			0				0	0
19-Nov-1996		0.00			0				0	0
20-Nov-1996		0.00			0				0	0
21-Nov-1996		0.00			0				0	0
22-Nov-1996		0.00		4.3	13				4	13
23-Nov-1996		0.00		9.9	30				10	30
24-Nov-1996		0.00		9.8	30				10	30
25-Nov-1996		0.00		9.6	29				10	29
26-Nov-1996		0.00		9.6	29	820	1477		10	29
27-Nov-1996		0.00		9.4	29				9	29
28-Nov-1996		0.00		9.7	30	844			10	30
29-Nov-1996		0.00		9.4	29				9	29
30-Nov-1996		0.00		9.3	29				9	29
1-Dec-1996		0.00		9.3	29				9	29
2-Dec-1996		0.00		9.6	29				10	29

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
3-Dec-1996		0.00			10	31	847		10	31
4-Dec-1996		0.00			8.9	27			9	27
5-Dec-1996		0.00			9.2	28	782	1449	9	28
6-Dec-1996		0.00			9.1	28			9	28
7-Dec-1996		0.00			9.1	28			9	28
8-Dec-1996		0.00			8.9	27			9	27
9-Dec-1996		0.00			9	28			9	28
10-Dec-1996		0.00			8.9	27	749		9	27
11-Dec-1996		0.00			9	28			9	28
12-Dec-1996		0.00			9.4	29	787	1432	9	29
13-Dec-1996		0.00			12.3	38			12	38
14-Dec-1996		0.00			11.8	36			12	36
15-Dec-1996		0.00			11.1	34			11	34
16-Dec-1996		0.00			11.6	36			12	36
17-Dec-1996	4.80	14.73			10.4	32	757	1402	15	47
18-Dec-1996	5.90	18.11			10.2	31			16	49
19-Dec-1996	3.80	11.66			12	37	745	1402	16	48
20-Dec-1996	4.00	12.28			12.1	37			16	49
21-Dec-1996		0.00			11.7	36			12	36
22-Dec-1996		0.00			11.5	35			12	35
23-Dec-1996	0.10	0.31			13.8	42			14	43
24-Dec-1996	7.60	23.32			16.6	51			24	74
25-Dec-1996		0.00			16.9	52			17	52
26-Dec-1996	8.60	26.39			26.4	81	739	1350	35	107
27-Dec-1996	3.30	10.13			28.7	88			32	98
28-Dec-1996	3.00	9.21			28.6	88			32	97
29-Dec-1996	3.20	9.82			27.1	83			30	93
30-Dec-1996	6.80	20.87			28.2	87			35	107
31-Dec-1996	6.50	19.95			26.1	80	713		33	100
1-Jan-1997		0.00			28.3	87			28	87
2-Jan-1997		0.00			30.6	94			31	94
3-Jan-1997		0.00			31.6	97			32	97
4-Jan-1997		0.00			31.1	95			31	95
5-Jan-1997		0.00			29.4	90			29	90
6-Jan-1997		0.00			28.4	87			28	87
7-Jan-1997		0.00			29.8	91	787	1304	30	91
8-Jan-1997		0.00			34.5	106			35	106

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
9-Jan-1997	0.00				31.1	95	729	1275	31	95
10-Jan-1997	0.00				30.9	95			31	95
11-Jan-1997	0.00				31.6	97			32	97
12-Jan-1997	0.00				30.6	94			31	94
13-Jan-1997	0.00				29.6	91			30	91
14-Jan-1997	0.00				6.8	21			7	21
15-Jan-1997	0.00					0			0	0
16-Jan-1997	0.00				21.3	65	694	1315	21	65
17-Jan-1997	0.00				26.6	82			27	82
18-Jan-1997	0.00				30.6	94			31	94
19-Jan-1997	0.00				26.5	81			27	81
20-Jan-1997	0.00				26.4	81			26	81
21-Jan-1997	0.00				26.5	81	690	1265	27	81
22-Jan-1997	0.00				27.8	85			28	85
23-Jan-1997	0.00				25.3	78	683	1309	25	78
24-Jan-1997	0.00				26.9	83			27	83
25-Jan-1997	0.00				31.9	98			32	98
26-Jan-1997	0.00				30	92			30	92
27-Jan-1997	0.00				28.3	87			28	87
28-Jan-1997	0.00				30.1	92	648	1092	30	92
29-Jan-1997	0.00				30.6	94			31	94
30-Jan-1997	0.00				28.4	87	683	1191	28	87
31-Jan-1997	0.00				30.4	93			30	93
1-Feb-1997	0.00				31.2	96			31	96
2-Feb-1997	0.00				32.3	99			32	99
3-Feb-1997	0.00				30.5	94			31	94
4-Feb-1997	0.00				31.5	97		1221	32	97
5-Feb-1997	0.00				20.6	63			21	63
6-Feb-1997	0.00				24.5	75	718	681	25	75
7-Feb-1997	0.00				23.7	73			24	73
8-Feb-1997	0.00				22.5	69			23	69
9-Feb-1997	0.00				21.6	66			22	66
10-Feb-1997	0.00				22.5	69			23	69
11-Feb-1997	0.00				22	68	658	1189	22	68
12-Feb-1997	0.00				22.2	68			22	68
13-Feb-1997	0.00				28	86	596	1138	28	86
14-Feb-1997	0.00				29.1	89			29	89

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
15-Feb-1997		0.00			28.7	88			29	88
16-Feb-1997		0.00			28.3	87			28	87
17-Feb-1997		0.00			25.4	78			25	78
18-Feb-1997		0.00			22.2	68	631	1144	22	68
19-Feb-1997		0.00			23.6	72			24	72
20-Feb-1997		0.00			17.1	52	615	1135	17	52
21-Feb-1997		0.00			15.5	48			16	48
22-Feb-1997		0.00			15.6	48			16	48
23-Feb-1997		0.00			15.6	48			16	48
24-Feb-1997		0.00			14.9	46			15	46
25-Feb-1997		0.00			16.2	50	623	1125	16	50
26-Feb-1997		0.00			15	46			15	46
27-Feb-1997		0.00			15.3	47	619	1169	15	47
28-Feb-1997		0.00			19.9	61			20	61
1-Mar-1997		0.00			20	61			20	61
2-Mar-1997		0.00			20.2	62			20	62
3-Mar-1997		0.00			19.9	61			20	61
4-Mar-1997		0.00			20.3	62	602	1118	20	62
5-Mar-1997		0.00			22.8	70			23	70
5-Mar-1997	5.70	17.49			23.1	71	633	1134	29	88
6-Mar-1997	4.70	14.42			25.2	77			30	92
7-Mar-1997	3.10	9.51			22.8	70			26	79
8-Mar-1997	6.30	19.33			26.4	81			33	100
9-Mar-1997		0.00			21.4	66			21	66
10-Mar-1997	10.20	31.30			22.8	70	616	1152	33	101
11-Mar-1997	6.20	19.03			18.9	58			25	77
12-Mar-1997	0.80	2.46			20	61	618	1131	21	64
13-Mar-1997	5.10	15.65			19.4	60			25	75
14-Mar-1997	7.60	23.32			22.5	69			30	92
15-Mar-1997		0.00			21.6	66			22	66
16-Mar-1997		0.00			18.7	57			19	57
17-Mar-1997	2.50	7.67			4.1	13	596	1097	7	20
18-Mar-1997	6.30	19.33				0			6	19
19-Mar-1997	13.40	41.12			10.6	33	633	1114	24	74
20-Mar-1997	16.80	51.56			11.9	37			29	88
21-Mar-1997	11.10	34.06			11.6	36			23	70
22-Mar-1997	5.70	17.49			11.7	36			17	53

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
23-Mar-1997		0.00			12.7	39			13	39
24-Mar-1997	1.00	3.07			10.5	32	633	1075	12	35
25-Mar-1997	17.40	53.40			10.8	33			28	87
26-Mar-1997	16.50	50.64			12.5	38	601	1073	29	89
27-Mar-1997	14.10	43.27			10.6	33			25	76
28-Mar-1997	15.60	47.87			12.5	38			28	86
29-Mar-1997	5.00	15.34			12.2	37			17	53
31-Mar-1997	18.90	58.00			10.9	33			30	91
1-Apr-1997	11.00	33.76			10.5	32	613	1151	22	66
2-Apr-1997	17.30	53.09			11.1	34			28	87
3-Apr-1997	14.00	42.96			11.6	36	621	1101	26	79
4-Apr-1997	7.10	21.79			13.9	43			21	64
5-Apr-1997	21.10	64.75			11.2	34			32	99
6-Apr-1997		0.00			12.9	40			13	40
7-Apr-1997	17.50	53.71			13.2	41			31	94
8-Apr-1997	18.30	56.16			11.3	35			30	91
9-Apr-1997	16.40	50.33			12.5	38			29	89
10-Apr-1997	13.00	39.90			30.1	92	606	1084	43	132
11-Apr-1997	20.60	63.22			12.6	39			33	102
12-Apr-1997	7.30	22.40			14.3	44			22	66
13-Apr-1997	0.30	0.92			15.6	48			16	49
14-Apr-1997	18.40	56.47			13.4	41			32	98
15-Apr-1997	20.00	61.38			12.5	38	584	1069	33	100
16-Apr-1997	13.00	39.90			14.5	44			28	84
17-Apr-1997	18.60	57.08			13.5	41	612	1091	32	99
18-Apr-1997	23.00	70.58			13.9	43			37	113
19-Apr-1997	16.60	50.94			14.7	45			31	96
20-Apr-1997		0.00			17.5	54			18	54
21-Apr-1997	17.40	53.40			16.7	51			34	105
22-Apr-1997	17.30	53.09			13.5	41	601	1046	31	95
23-Apr-1997	9.40	28.85			13.9	43			23	72
24-Apr-1997	12.80	39.28			15	46	598	1123	28	85
25-Apr-1997	24.10	73.96			13.5	41			38	115
26-Apr-1997	17.60	54.01			12.9	40			31	94
27-Apr-1997		0.00			19	58			19	58
28-Apr-1997	23.20	71.20			14	43			37	114
29-Apr-1997	22.80	69.97			12.3	38	600	1101	35	108

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
30-Apr-1997	18.20	55.85			12.6	39			31	95
1-May-1997	20.40	62.61			12.4	38	591	1112	33	101
2-May-1997	22.60	69.36			12.9	40			36	109
3-May-1997	24.20	74.27			11.8	36			36	110
4-May-1997		0.00			16.3	50			16	50
5-May-1997	13.70	42.04			3.3	10			17	52
6-May-1997	21.50	65.98				0			22	66
7-May-1997	22.60	69.36			12.9	40			36	109
8-May-1997	17.40	53.40			12.8	39	611	1111	30	93
9-May-1997	18.70	57.39			14.1	43			33	101
10-May-1997	22.00	67.52			12	37			34	104
11-May-1997		0.00			16.9	52			17	52
12-May-1997	16.50	50.64			15	46			32	97
13-May-1997	18.10	55.55			11.3	35	627	1101	29	90
14-May-1997	21.10	64.75			10.4	32			32	97
15-May-1997	14.10	43.27			13.3	41	616	1100	27	84
16-May-1997	15.50	47.57			12.4	38			28	86
17-May-1997	17.70	54.32			11.8	36			30	91
18-May-1997		0.00			14.4	44			14	44
19-May-1997	22.10	67.82			10.9	33			33	101
20-May-1997	36.60	112.32			9.6	29	627	1123	46	142
21-May-1997	25.30	77.64			12.3	38			38	115
22-May-1997	27.10	83.17			8.9	27	621	1116	36	110
23-May-1997	23.30	71.50			11	34			34	105
24-May-1997	20.10	61.68			9.3	29			29	90
25-May-1997	14.40	44.19			11.3	35			26	79
26-May-1997	6.50	19.95			12	37			19	57
27-May-1997	24.80	76.11			11.5	35	629	1120	36	111
28-May-1997	18.70	57.39			10.6	33			29	90
29-May-1997	20.30	62.30			10.5	32	632	1124	31	95
30-May-1997	16.80	51.56			12.6	39			29	90
31-May-1997	19.50	59.84			3	9			23	69
1-Jun-1997	24.20	74.27				0			24	74
2-Jun-1997	20.70	63.53				0			21	64
3-Jun-1997	21.10	64.75				0			21	65
4-Jun-1997	17.60	54.01				0			18	54
5-Jun-1997	12.10	37.13				0			12	37

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
6-Jun-1997	22.00	67.52				0			22	68
7-Jun-1997	18.10	55.55				0			18	56
8-Jun-1997	20.00	61.38				0			20	61
9-Jun-1997	22.40	68.74				0			22	69
10-Jun-1997	21.50	65.98				0			22	66
11-Jun-1997	20.50	62.91				0			21	63
12-Jun-1997	10.20	31.30				0			10	31
13-Jun-1997	16.10	49.41				0			16	49
14-Jun-1997	8.70	26.70				0			9	27
15-Jun-1997	18.60	57.08				0			19	57
16-Jun-1997	21.30	65.37				0			21	65
17-Jun-1997	12.30	37.75				0			12	38
18-Jun-1997	14.50	44.50				0			15	44
19-Jun-1997	27.80	85.31		580		0			28	85
20-Jun-1997	27.10	83.17				0			27	83
21-Jun-1997	27.30	83.78				0			27	84
22-Jun-1997	12.80	39.28				0			13	39
23-Jun-1997	20.60	63.22				0			21	63
24-Jun-1997	16.30	50.02				0			16	50
25-Jun-1997	18.30	56.16				0			18	56
26-Jun-1997	15.80	48.49				0			16	48
27-Jun-1997	21.80	66.90				0			22	67
28-Jun-1997	16.00	49.10				0			16	49
29-Jun-1997	16.20	49.72				0			16	50
30-Jun-1997	17.10	52.48				0			17	52
1-Jul-1997	33.1	101.58				0			33	102
2-Jul-1997	24.1	73.96				0			24	74
3-Jul-1997	18.5	56.77				0			19	57
4-Jul-1997	15.7	48.18				0			16	48
5-Jul-1997	12.5	38.36				0			13	38
6-Jul-1997	19.3	59.23				0			19	59
7-Jul-1997	16.5	50.64				0			17	51
8-Jul-1997	18.8	57.69				0			19	58
9-Jul-1997	21.4	65.67				0			21	66
10-Jul-1997	18.8	57.69				0			19	58
11-Jul-1997	24.5	75.19				0			25	75
12-Jul-1997	29.1	89.30				0			29	89

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
13-Jul-1997	21.4	65.67				0			21	66
14-Jul-1997	15.30	46.95				0			15	47
15-Jul-1997	21.50	65.98				0			22	66
16-Jul-1997	16.50	50.64		710		0			17	51
17-Jul-1997	12.90	39.59				0			13	40
18-Jul-1997	14.20	43.58				0			14	44
19-Jul-1997	17.30	53.09				0			17	53
20-Jul-1997	33.30	102.19				0			33	102
21-Jul-1997	18.50	56.77				0			19	57
22-Jul-1997	30.50	93.60				0			31	94
23-Jul-1997	21.90	67.21				0			22	67
24-Jul-1997	20.10	61.68				0			20	62
25-Jul-1997	18.20	55.85				0			18	56
26-Jul-1997	17.10	52.48				0			17	52
27-Jul-1997	20.00	61.38				0			20	61
28-Jul-1997	27.70	85.01				0			28	85
29-Jul-1997	15.00	46.03				0			15	46
30-Jul-1997	30.20	92.68				0			30	93
31-Jul-1997	23.30	71.50				0			23	72
1-Aug-1997	23.50	72.12				0			24	72
2-Aug-1997	13.30	40.82				0			13	41
3-Aug-1997	11.00	33.76				0			11	34
4-Aug-1997	23.80	73.04				0			24	73
5-Aug-1997	29.30	89.92				0			29	90
6-Aug-1997	20.40	62.61				0			20	63
7-Aug-1997	21.90	67.21				0			22	67
8-Aug-1997	21.00	64.45				0			21	64
9-Aug-1997	14.30	43.88				0			14	44
10-Aug-1997	15.60	47.87				0			16	48
11-Aug-1997	25.10	77.03				0			25	77
12-Aug-1997	22.60	69.36				0			23	69
13-Aug-1997	20.20	61.99				0			20	62
14-Aug-1997	17.30	53.09				0			17	53
15-Aug-1997	21.00	64.45				0			21	64
16-Aug-1997	18.10	55.55				0			18	56
17-Aug-1997	22.30	68.44				0			22	68
18-Aug-1997	14.70	45.11				0			15	45

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
19-Aug-1997	18.60	57.08			0				19	57
20-Aug-1997	16.20	49.72		860	0				16	50
21-Aug-1997	18.80	57.69			0				19	58
22-Aug-1997	22.60	69.36			0				23	69
23-Aug-1997	14.90	45.73			0				15	46
24-Aug-1997	8.40	25.78			0				8	26
25-Aug-1997	20.40	62.61			0				20	63
26-Aug-1997	20.60	63.22			0				21	63
27-Aug-1997	18.70	57.39			0				19	57
28-Aug-1997	18.70	57.39			0				19	57
29-Aug-1997	17.20	52.78			0				17	53
30-Aug-1997	16.50	50.64			0				17	51
31-Aug-1997	20.10	61.68			0				20	62
1-Sep-1997	26.20	80.40			0				26	80
2-Sep-1997	24.90	76.42			0				25	76
3-Sep-1997	11.20	34.37			0				11	34
4-Sep-1997	15.20	46.65			0				15	47
5-Sep-1997	21.10	64.75			0				21	65
6-Sep-1997	9.30	28.54			0				9	29
7-Sep-1997	20.10	61.68			0				20	62
8-Sep-1997	16.60	50.94			0				17	51
9-Sep-1997	17.40	53.40			0				17	53
10-Sep-1997	21.50	65.98			0				22	66
11-Sep-1997	17.40	53.40			0				17	53
12-Sep-1997	13.40	41.12			0				13	41
13-Sep-1997	19.70	60.46			0				20	60
14-Sep-1997	24.50	75.19			0				25	75
15-Sep-1997	25.00	76.72			0				25	77
16-Sep-1997	22.30	68.44			0				22	68
17-Sep-1997	15.50	47.57			0				16	48
18-Sep-1997	13.30	40.82			0				13	41
19-Sep-1997	18.50	56.77			0				19	57
20-Sep-1997	12.60	38.67			0				13	39
21-Sep-1997	11.00	33.76			0				11	34
22-Sep-1997	15.70	48.18			0				16	48
23-Sep-1997	13.90	42.66			0				14	43
24-Sep-1997	18.00	55.24		900	0				18	55

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
25-Sep-1997	19.60	60.15			0				20	60
26-Sep-1997	9.80	30.08			0				10	30
27-Sep-1997	14.00	42.96			0				14	43
28-Sep-1997	15.40	47.26			0				15	47
29-Sep-1997	12.20	37.44			0				12	37
30-Sep-1997	14.40	44.19			0				14	44
1-Oct-1997	14.40	44.19			0				14	44
2-Oct-1997	16.10	49.41			11	34	912	1541	27	83
3-Oct-1997	19.30	59.23			11.9	37			31	96
4-Oct-1997	15.30	46.95			11	34			26	81
5-Oct-1997	3.60	11.05			13.7	42			17	53
6-Oct-1997	8.80	27.01			12.4	38			21	65
7-Oct-1997	17.60	54.01			11.4	35	894	1536	29	89
8-Oct-1997	17.10	52.48			11	34			28	86
9-Oct-1997	12.20	37.44			10.9	33	864	1535	23	71
10-Oct-1997	12.30	37.75			10.7	33			23	71
11-Oct-1997	8.30	25.47			11.4	35			20	60
12-Oct-1997	7.60	23.32			11.2	34			19	58
13-Oct-1997	7.90	24.24			8.6	26			17	51
14-Oct-1997	7.90	24.24			1.3	4			9	28
15-Oct-1997	14.00	42.96			0				14	43
16-Oct-1997	11.80	36.21			7.3	22		1536	19	59
17-Oct-1997	14.40	44.19			6.9	21			21	65
18-Oct-1997	6.50	19.95			7.9	24			14	44
19-Oct-1997	5.70	17.49			7.9	24			14	42
20-Oct-1997	10.70	32.84			7.3	22			18	55
21-Oct-1997	12.40	38.05			7.2	22	896	1558	20	60
22-Oct-1997	12.40	38.05			7.1	22			20	60
23-Oct-1997	6.00	18.41			7.8	24	878	1533	14	42
24-Oct-1997	9.10	27.93			7.1	22			16	50
25-Oct-1997	10.40	31.92			7.5	23			18	55
26-Oct-1997	15.30	46.95			7.3	22			23	69
27-Oct-1997	9.00	27.62			7.2	22			16	50
28-Oct-1997	9.20	28.23			7.4	23	862	1518	17	51
29-Oct-1997	5.50	16.88			8	25			14	41
30-Oct-1997	11.50	35.29			6	18	869	1524	18	54
31-Oct-1997	14.40	44.19			0				14	44

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
1-Nov-1997	2.20	6.75			0				2	7
2-Nov-1997		0.00			0				0	0
3-Nov-1997	14.30	43.88			0				14	44
4-Nov-1997	6.80	20.87			0				7	21
5-Nov-1997	5.50	16.88			0				6	17
6-Nov-1997	6.30	19.33			0	869	1511		6	19
7-Nov-1997	14.30	43.88			0				14	44
8-Nov-1997	6.50	19.95			0				7	20
9-Nov-1997	7.80	23.94			0				8	24
10-Nov-1997	6.70	20.56			0				7	21
11-Nov-1997	8.60	26.39			0	829	1494		9	26
12-Nov-1997	4.00	12.28			5	15			9	28
13-Nov-1997	9.90	30.38			5.5	17	854	1470	15	47
14-Nov-1997	6.50	19.95			5.4	17			12	37
15-Nov-1997	0.00				5.3	16			5	16
16-Nov-1997	0.00				5.8	18			6	18
17-Nov-1997	6.90	21.18			4.5	14			11	35
18-Nov-1997	4.70	14.42			7.7	24	828	1458	12	38
19-Nov-1997	0.00				8	25			8	25
20-Nov-1997	7.50	23.02			7	21	819	1542	15	44
21-Nov-1997	53.00	162.65			7.6	23			61	186
22-Nov-1997	4.90	15.04			7.6	23			13	38
23-Nov-1997	0.00				7.9	24			8	24
24-Nov-1997	6.90	21.18			9.7	30			17	51
25-Nov-1997	7.80	23.94			11	34	825		19	58
26-Nov-1997	0.00				12.9	40			13	40
27-Nov-1997	0.00				13.3	41	814	1460	13	41
28-Nov-1997	5.40	16.57			12	37			17	53
29-Nov-1997	6.30	19.33			12.4	38			19	57
30-Nov-1997	0.00				13	40			13	40
1-Dec-1997	0.00				13	40			13	40
2-Dec-1997	0.00				19.2	59	782	1424	19	59
3-Dec-1997	0.00				19.7	60			20	60
4-Dec-1997	0.00				26.2	80	761	1408	26	80
5-Dec-1997	0.00				29.1	89			29	89
6-Dec-1997	0.00				27.4	84			27	84
7-Dec-1997	0.00				26.1	80			26	80

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
8-Dec-1997	0.00			28.2	87				28	87
9-Dec-1997	0.00			31.5	97	754	1418		32	97
10-Dec-1997	0.00			30.5	94				31	94
11-Dec-1997	0.00			31	95	770	1329		31	95
12-Dec-1997	0.00			32.2	99				32	99
13-Dec-1997	0.00			30	92				30	92
14-Dec-1997	0.00			30	92				30	92
15-Dec-1997	0.00			6.6	20				7	20
16-Dec-1997	0.00			20	61	737	1384		20	61
17-Dec-1997	0.00			35.5	109				36	109
18-Dec-1997	0.00			33.1	102	729	1304		33	102
19-Dec-1997	0.00			31.2	96				31	96
20-Dec-1997	0.00			29.5	91				30	91
21-Dec-1997	0.00			26.6	82				27	82
22-Dec-1997	0.00			28.3	87				28	87
23-Dec-1997	0.00			28.2	87	708	1381		28	87
24-Dec-1997	0.00			29.2	90				29	90
25-Dec-1997	0.00			27	83	711	1282		27	83
26-Dec-1997	0.00			27.8	85				28	85
27-Dec-1997	0.00			28	86				28	86
28-Dec-1997	0.00			28	86				28	86
29-Dec-1997	0.00			28.6	88				29	88
30-Dec-1997	0.00			28.4	87	711	1270		28	87
31-Dec-1997	0.00			28.1	86				28	86
1-Jan-1998	0.00			27	83	701	1347		27	83
2-Jan-1998	0.00			25.9	79				26	79
3-Jan-1998	0.00			26.3	81				26	81
4-Jan-1998	0.00			18.5	57				19	57
5-Jan-1998	0.00			15	46				15	46
6-Jan-1998	0.00			27.8	85	682	1232		28	85
7-Jan-1998	0.00			27.4	84				27	84
8-Jan-1998	0.00			25.9	79	700	1252		26	79
9-Jan-1998	0.00			28.3	87				28	87
10-Jan-1998	0.00			28.7	88				29	88
11-Jan-1998	0.00			28.7	88				29	88
12-Jan-1998	0.00			28.8	88				29	88
13-Jan-1998	0.00			6.9	21	590	1197		7	21

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
14-Jan-1998	0.00			19.3	59				19	59
15-Jan-1998	0.00			31.4	96	665	1160		31	96
16-Jan-1998	0.00			30.9	95				31	95
17-Jan-1998	0.00			34	104				34	104
18-Jan-1998	0.00			37.8	116				38	116
19-Jan-1998	0.00			37.7	116				38	116
20-Jan-1998	0.00			41.2	126	651	1120		41	126
21-Jan-1998	0.00			39.7	122				40	122
22-Jan-1998	0.00			37.2	114	645			37	114
23-Jan-1998	0.00			42	129				42	129
24-Jan-1998	0.00			41.9	129				42	129
25-Jan-1998	0.00			37.9	116				38	116
26-Jan-1998	0.00			40.9	126				41	126
27-Jan-1998	0.00			42	129	627	1101		42	129
28-Jan-1998	0.00			41.5	127				42	127
29-Jan-1998	0.00			41.8	128		1096		42	128
30-Jan-1998	0.00			41	126				41	126
31-Jan-1998	0.00			40.7	125				41	125
1-Feb-1998	0.00			40.7	125				41	125
2-Feb-1998	0.00			42.3	130				42	130
3-Feb-1998	0.00			43.8	134	615	991		44	134
4-Feb-1998	0.00			35.8	110				36	110
5-Feb-1998	0.00			42.3	130	559	1000		42	130
6-Feb-1998	0.00			42.2	130				42	130
7-Feb-1998	0.00			44.1	135				44	135
8-Feb-1998	0.00			41.5	127				42	127
9-Feb-1998	0.00			39.6	122				40	122
10-Feb-1998	0.00			10.3	32	588	963		10	32
11-Feb-1998	0.00				0				0	0
12-Feb-1998	0.00			16	49	573	955		16	49
13-Feb-1998	0.00			43.4	133				43	133
14-Feb-1998	0.00			43.3	133				43	133
15-Feb-1998	0.00			40.6	125				41	125
16-Feb-1998	0.00			45.3	139				45	139
17-Feb-1998	0.00			48.1	148	566	920		48	148
18-Feb-1998	0.00			49.6	152				50	152
19-Feb-1998	0.00			46.8	144	540	914		47	144

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	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
20-Feb-1998	0.00			49.7	153				50	153
21-Feb-1998	0.00			50.6	155				51	155
22-Feb-1998	0.00			50.9	156				51	156
23-Feb-1998	0.00			49.6	152				50	152
24-Feb-1998	0.00			49.1	151	517	900		49	151
25-Feb-1998	0.00			48	147				48	147
26-Feb-1998	0.00			48.1	148	521	895		48	148
27-Feb-1998	0.00			49.1	151				49	151
28-Feb-1998	0.00			47.8	147				48	147
1-Mar-1998	0.00			46.2	142				46	142
2-Mar-1998	0.00			47.1	145				47	145
3-Mar-1998	0.00			46.8	144	522	885		47	144
4-Mar-1998	0.00			53.9	165				54	165
5-Mar-1998	0.00			52	160	516	877		52	160
6-Mar-1998	0.00			53.9	165				54	165
7-Mar-1998	0.00			51.1	157				51	157
8-Mar-1998	0.00			51.8	159				52	159
9-Mar-1998	0.00			52.3	161				52	161
10-Mar-1998	0.00			53.6	164	525	874		54	164
11-Mar-1998	0.00			52.8	162		875		53	162
12-Mar-1998	0.00			51.6	158	519	874		52	158
13-Mar-1998	0.00			51.2	157				51	157
14-Mar-1998	0.00			51	157				51	157
15-Mar-1998	0.00			48.7	149				49	149
16-Mar-1998	0.00			48.3	148				48	148
17-Mar-1998	0.00			14.6	45	500	971		15	45
18-Mar-1998	0.00				0				0	0
19-Mar-1998	0.00			44.5	137	508	882		45	137
20-Mar-1998	0.00			45.1	138				45	138
21-Mar-1998	0.00			43.5	133				44	133
22-Mar-1998	0.00			40.8	125				41	125
23-Mar-1998	0.00			44	135				44	135
24-Mar-1998	0.00			46.8	144	518	881		47	144
25-Mar-1998	0.00			41.8	128				42	128
26-Mar-1998	0.00			37	114	515	882		37	114
27-Mar-1998	0.00			46.8	144				47	144
28-Mar-1998	0.00			42.5	130				43	130

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
29-Mar-1998	0.00			41	126				41	126
30-Mar-1998	0.00			41.3	127				41	127
31-Mar-1998	0.00			40.7	125	494	886		41	125
1-Apr-1998	0.00			39	120				39	120
2-Apr-1998	0.00			31.4	96	496	892		31	96
3-Apr-1998	0.00			29.3	90				29	90
4-Apr-1998	0.00			28.1	86				28	86
5-Apr-1998	0.00			6.2	19				6	19
6-Apr-1998	0.00			17.6	54				18	54
7-Apr-1998	0.00			25.3	78	506	904		25	78
8-Apr-1998	0.00			28.3	87				28	87
9-Apr-1998	0.00			29.3	90	489	895		29	90
10-Apr-1998	0.00			31	95				31	95
11-Apr-1998	0.00			32.3	99				32	99
12-Apr-1998	0.00			31.4	96				31	96
13-Apr-1998	0.00			31.2	96				31	96
14-Apr-1998	0.00			30.2	93	512	905		30	93
15-Apr-1998	0.00			30.5	94				31	94
16-Apr-1998	0.00			15.5	48	519	1112		16	48
17-Apr-1998	0.00			15.1	46				15	46
18-Apr-1998	0.00			15.1	46				15	46
19-Apr-1998	0.00			12.3	38				12	38
20-Apr-1998	0.00			13.3	41				13	41
21-Apr-1998	0.00			13.2	41	520	910		13	41
22-Apr-1998	0.00			12.8	39				13	39
23-Apr-1998	0.00			13.3	41	510	917		13	41
24-Apr-1998	0.00			12.6	39				13	39
25-Apr-1998	0.00			12.5	38				13	38
26-Apr-1998	0.00			13.5	41				14	41
27-Apr-1998	0.00			2.7	8				3	8
28-Apr-1998	0.00			11.7	36	538	924		12	36
29-Apr-1998	0.00			14.3	44				14	44
30-Apr-1998	0.00			0	538	930	0		0	0
1-May-1998	5.40	16.57		11.2	34				17	51
2-May-1998	0.00			11.1	34				11	34
3-May-1998	0.00			11.2	34				11	34
4-May-1998	0.00			11.3	35				11	35

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
5-May-1998		0.00			11.2	34	544	920	11	34
6-May-1998		0.00			11.3	35			11	35
7-May-1998		0.00			11.7	36	519	930	12	36
8-May-1998		0.00			9	28			9	28
9-May-1998		0.00			9.5	29			10	29
10-May-1998		0.00			1.3	4			1	4
11-May-1998		0.00				0			0	0
12-May-1998	0.10	0.31				0			0	0
13-May-1998		0.00				0			0	0
14-May-1998	7.20	22.10				0			7	22
15-May-1998	4.70	14.42				0			5	14
16-May-1998		0.00				0			0	0
17-May-1998	1.70	5.22				0			2	5
18-May-1998	2.20	6.75				0			2	7
19-May-1998	13.00	39.90				0			13	40
20-May-1998	10.30	31.61				0			10	32
21-May-1998	3.00	9.21				0			3	9
22-May-1998	6.00	18.41				0			6	18
23-May-1998	12.10	37.13				0			12	37
24-May-1998	11.20	34.37				0			11	34
25-May-1998	3.20	9.82				0			3	10
26-May-1998	3.40	10.43				0			3	10
27-May-1998	6.70	20.56				0			7	21
28-May-1998	7.20	22.10				0			7	22
29-May-1998	1.70	5.22				0			2	5
30-May-1998		0.00				0			0	0
31-May-1998		0.00				0			0	0
1-Jun-1998	15.30	46.95				0			15	47
2-Jun-1998	19.50	59.84				0			20	60
3-Jun-1998	17.70	54.32				0			18	54
4-Jun-1998	21.80	66.90				0			22	67
5-Jun-1998	7.60	23.32				0			8	23
6-Jun-1998	8.90	27.31				0			9	27
7-Jun-1998	13.30	40.82				0			13	41
8-Jun-1998	22.30	68.44				0			22	68
9-Jun-1998	23.90	73.35				0			24	73
10-Jun-1998	12.50	38.36				0			13	38

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
11-Jun-1998	9.10	27.93			0				9	28
12-Jun-1998	13.40	41.12			0				13	41
13-Jun-1998	7.00	21.48			0				7	21
14-Jun-1998	0.50	1.53			0				1	2
15-Jun-1998	15.90	48.80			0				16	49
16-Jun-1998	11.80	36.21			0				12	36
17-Jun-1998	15.40	47.26			0				15	47
18-Jun-1998	14.20	43.58			0				14	44
19-Jun-1998	6.80	20.87			0				7	21
20-Jun-1998	11.60	35.60			0				12	36
21-Jun-1998	19.30	59.23			0				19	59
22-Jun-1998	16.00	49.10			0				16	49
23-Jun-1998	15.00	46.03		490	0				15	46
24-Jun-1998	19.10	58.62			0				19	59
25-Jun-1998	17.50	53.71			0				18	54
26-Jun-1998	21.10	64.75			0				21	65
27-Jun-1998	4.20	12.89			0				4	13
28-Jun-1998	9.30	28.54			0				9	29
29-Jun-1998	12.60	38.67			0				13	39
30-Jun-1998	6.10	18.72			0				6	19
1-Jul-1998	17.10	52.48			0				17	52
2-Jul-1998	12.60	38.67			0				13	39
3-Jul-1998	7.90	24.24			0				8	24
4-Jul-1998	10.40	31.92			0				10	32
5-Jul-1998	17.60	54.01			0				18	54
6-Jul-1998	19.20	58.92			0				19	59
7-Jul-1998	13.10	40.20			0				13	40
8-Jul-1998	21.60	66.29			0				22	66
9-Jul-1998	19.80	60.76			0				20	61
10-Jul-1998	14.00	42.96			0				14	43
11-Jul-1998	6.60	20.25			0				7	20
12-Jul-1998	9.20	28.23			0				9	28
13-Jul-1998	18.90	58.00			0				19	58
14-Jul-1998	18.90	58.00			0				19	58
15-Jul-1998	23.10	70.89			0				23	71
16-Jul-1998	14.00	42.96			0				14	43
17-Jul-1998	8.70	26.70			0				9	27

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
18-Jul-1998	6.80	20.87				0			7	21
19-Jul-1998	17.00	52.17				0			17	52
20-Jul-1998	17.20	52.78				0			17	53
21-Jul-1998	16.80	51.56				0			17	52
22-Jul-1998	21.80	66.90		590		0			22	67
23-Jul-1998	25.10	77.03				0			25	77
24-Jul-1998	22.80	69.97				0			23	70
25-Jul-1998	4.70	14.42				0			5	14
26-Jul-1998	17.30	53.09				0			17	53
27-Jul-1998	23.50	72.12				0			24	72
28-Jul-1998	31.80	97.59				0			32	98
29-Jul-1998	16.80	51.56				0			17	52
30-Jul-1998	18.60	57.08				0			19	57
31-Jul-1998	11.70	35.91				0			12	36
1-Aug-1998	16.40	50.33				0			16	50
2-Aug-1998	24.10	73.96				0			24	74
3-Aug-1998	29.70	91.15				0			30	91
4-Aug-1998	29.90	91.76				0			30	92
5-Aug-1998	25.90	79.48				0			26	79
6-Aug-1998	17.30	53.09				0			17	53
7-Aug-1998	15.80	48.49				0			16	48
8-Aug-1998	19.40	59.54				0			19	60
9-Aug-1998	12.70	38.97				0			13	39
10-Aug-1998	28.80	88.38				0			29	88
11-Aug-1998	22.90	70.28				0			23	70
12-Aug-1998	34.30	105.26				0			34	105
13-Aug-1998	20.20	61.99				0			20	62
14-Aug-1998	8.10	24.86				0			8	25
15-Aug-1998	17.40	53.40				0			17	53
16-Aug-1998	24.50	75.19				0			25	75
17-Aug-1998	25.00	76.72				0			25	77
18-Aug-1998	17.90	54.93				0			18	55
19-Aug-1998	26.00	79.79		670		0			26	80
20-Aug-1998	21.50	65.98				0			22	66
21-Aug-1998	20.10	61.68				0			20	62
22-Aug-1998	9.80	30.08				0			10	30
23-Aug-1998	11.40	34.99				0			11	35

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
24-Aug-1998	28.10	86.24			0				28	86
25-Aug-1998	28.40	87.16			0				28	87
26-Aug-1998	24.30	74.57			0				24	75
27-Aug-1998	28.00	85.93			0				28	86
28-Aug-1998	28.90	88.69			0				29	89
29-Aug-1998	21.30	65.37			0				21	65
30-Aug-1998	20.30	62.30			0				20	62
31-Aug-1998	20.00	61.38			0				20	61
1-Sep-1998	31.30	96.06			0				31	96
2-Sep-1998	25.00	76.72			0				25	77
3-Sep-1998	32.40	99.43			0				32	99
4-Sep-1998	32.00	98.20			0				32	98
5-Sep-1998	25.30	77.64			0				25	78
6-Sep-1998	25.00	76.72			0				25	77
7-Sep-1998	31.50	96.67			0				32	97
8-Sep-1998	25.10	77.03			0				25	77
9-Sep-1998	24.90	76.42			0				25	76
10-Sep-1998	23.10	70.89			0				23	71
11-Sep-1998	20.90	64.14			0				21	64
12-Sep-1998	33.60	103.11			0				34	103
13-Sep-1998	22.90	70.28			0				23	70
14-Sep-1998	21.40	65.67			0				21	66
15-Sep-1998	22.50	69.05			0				23	69
16-Sep-1998	15.90	48.80		770	0				16	49
17-Sep-1998	22.50	69.05			0				23	69
18-Sep-1998	20.80	63.83			0				21	64
19-Sep-1998	22.20	68.13			0				22	68
20-Sep-1998	22.20	68.13			0				22	68
21-Sep-1998	18.30	56.16			0				18	56
22-Sep-1998	24.00	73.65			0				24	74
23-Sep-1998	31.10	95.44			0				31	95
24-Sep-1998	28.80	88.38			0				29	88
25-Sep-1998	18.30	56.16			0				18	56
26-Sep-1998	19.90	61.07			0				20	61
27-Sep-1998	12.10	37.13			0				12	37
28-Sep-1998	23.00	70.58			0				23	71
29-Sep-1998	17.90	54.93			0				18	55

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
30-Sep-1998	24.50	75.19			0				25	75
1-Oct-1998	12.60	38.67			13.4	41	813	1413	26	80
2-Oct-1998	11.90	36.52			14	43			26	79
3-Oct-1998	19.40	59.54			13	40			32	99
4-Oct-1998	13.40	41.12			13	40		1408	26	81
5-Oct-1998	13.60	41.74			17	52			31	94
6-Oct-1998	12.10	37.13			20	61	814	1427	32	99
7-Oct-1998	11.30	34.68			21.7	67			33	101
8-Oct-1998	14.20	43.58			25.3	78	812	1444	40	121
9-Oct-1998	5.40	16.57			27.4	84			33	101
10-Oct-1998	10.60	32.53			26.7	82			37	114
11-Oct-1998	11.00	33.76			26.8	82			38	116
12-Oct-1998	12.60	38.67			23.3	72			36	110
13-Oct-1998	12.60	38.67			23.1	71	770	1443	36	110
14-Oct-1998	6.40	19.64			24.6	75			31	95
15-Oct-1998		0.00			25.2	77	786	1450	25	77
16-Oct-1998	1.60	4.91			26	80			28	85
17-Oct-1998		0.00			23.2	71			23	71
18-Oct-1998		0.00			24.2	74			24	74
19-Oct-1998	2.00	6.14			5.5	17			8	23
20-Oct-1998	8.10	24.86			20.3	62	797	1461	28	87
21-Oct-1998	7.80	23.94			30.5	94			38	118
22-Oct-1998	11.30	34.68			28.9	89	823	1461	40	123
23-Oct-1998	8.90	27.31			30.1	92			39	120
24-Oct-1998		0.00			33.4	103			33	103
25-Oct-1998		0.00			29.8	91			30	91
26-Oct-1998		0.00			29.7	91			30	91
27-Oct-1998		0.00			29.9	92	808	1458	30	92
28-Oct-1998		0.00			27	83			27	83
29-Oct-1998	1.10	3.38			5.4	17			7	20
30-Oct-1998	3.70	11.35			0				4	11
31-Oct-1998		0.00			0				0	0
1-Nov-1998		0.00			0				0	0
2-Nov-1998	8.30	25.47			0				8	25
3-Nov-1998	7.60	23.32			0				8	23
4-Nov-1998	5.00	15.34			0				5	15
5-Nov-1998	4.80	14.73			20.7	64	834	1461	26	78

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
6-Nov-1998	6.80	20.87			21.9	67			29	88
7-Nov-1998		0.00			21.9	67			22	67
8-Nov-1998		0.00			22.1	68			22	68
9-Nov-1998		0.00			25.9	79			26	79
10-Nov-1998		0.00			27.3	84	775	1450	27	84
11-Nov-1998		0.00			25.9	79			26	79
12-Nov-1998		0.00			27.5	84	712	1445	28	84
13-Nov-1998		0.00			26.7	82			27	82
14-Nov-1998		0.00			27.6	85			28	85
15-Nov-1998		0.00			27	83			27	83
16-Nov-1998		0.00			26.6	82			27	82
17-Nov-1998		0.00			26.8	82	754	1425	27	82
18-Nov-1998		0.00			27.3	84			27	84
19-Nov-1998		0.00			28.1	86	780	1421	28	86
20-Nov-1998		0.00			30.7	94			31	94
21-Nov-1998		0.00			30.4	93			30	93
22-Nov-1998		0.00			30.8	95			31	95
23-Nov-1998		0.00			30.8	95			31	95
24-Nov-1998		0.00			31.3	96		1389	31	96
25-Nov-1998		0.00			30.3	93			30	93
26-Nov-1998		0.00			29.7	91			30	91
27-Nov-1998		0.00			30.5	94			31	94
28-Nov-1998		0.00			30.4	93			30	93
29-Nov-1998		0.00			29.7	91			30	91
30-Nov-1998		0.00			6.3	19			6	19
1-Dec-1998		0.00			16	49	769	1338	16	49
2-Dec-1998		0.00			30.4	93			30	93
3-Dec-1998		0.00			36.5	112	731	1320	37	112
4-Dec-1998		0.00			35.1	108			35	108
5-Dec-1998		0.00			33.5	103			34	103
6-Dec-1998		0.00			33.6	103			34	103
7-Dec-1998		0.00			32.9	101			33	101
8-Dec-1998		0.00			36.7	113	824	1288	37	113
9-Dec-1998		0.00			42.8	131			43	131
10-Dec-1998		0.00			44	135	805	1273	44	135
11-Dec-1998		0.00			46.5	143			47	143
12-Dec-1998		0.00			47.8	147			48	147

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
13-Dec-1998	0.00			46.3	142				46	142
14-Dec-1998	0.00			47.2	145				47	145
15-Dec-1998	0.00			46.6	143	739	1251		47	143
16-Dec-1998	0.00			46.6	143				47	143
17-Dec-1998	0.00			24.7	76	772	1253		25	76
18-Dec-1998	0.00			45.9	141				46	141
19-Dec-1998	0.00			45.4	139				45	139
20-Dec-1998	0.00			43.1	132				43	132
21-Dec-1998	0.00			9.5	29				10	29
22-Dec-1998	0.00			27.5	84	728	1233		28	84
23-Dec-1998	0.00			25.8	79				26	79
24-Dec-1998	0.00			35.6	109				36	109
25-Dec-1998	0.00			34.8	107	713	1214		35	107
26-Dec-1998	0.00			34.5	106				35	106
27-Dec-1998	0.00			32.6	100				33	100
28-Dec-1998	0.00			28.2	87				28	87
29-Dec-1998	0.00			28.6	88	731	1193		29	88
30-Dec-1998	0.00			30.2	93				30	93
31-Dec-1998	0.00			31.9	98	712	1190		32	98
1-Jan-1999	0.00			30.1	92				30	92
2-Jan-1999	0.00			30.6	94				31	94
3-Jan-1999	0.00			30.1	92				30	92
4-Jan-1999	0.00			29.6	91				30	91
5-Jan-1999	0.00			29.8	91	699	1168		30	91
6-Jan-1999	0.00			30.9	95				31	95
7-Jan-1999	0.00			31	95	649	1159		31	95
8-Jan-1999	0.00			31.4	96				31	96
9-Jan-1999	0.00			30	92				30	92
10-Jan-1999	0.00			29.6	91				30	91
11-Jan-1999	0.00			29	89				29	89
12-Jan-1999	0.00			28.5	87	696	1142		29	87
13-Jan-1999	0.00			30.6	94				31	94
14-Jan-1999	0.00			30.9	95	626	1129		31	95
15-Jan-1999	0.00			31.7	97				32	97
16-Jan-1999	0.00			30.6	94				31	94
17-Jan-1999	0.00			31.1	95				31	95
18-Jan-1999	0.00			31	95				31	95

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
19-Jan-1999	0.00			6.5	20				7	20
20-Jan-1999	0.00			19.2	59				19	59
21-Jan-1999	0.00			37.1	114	613	1086		37	114
22-Jan-1999	0.00			36.8	113				37	113
23-Jan-1999	0.00			24.8	76				25	76
24-Jan-1999	0.00			5.8	18				6	18
25-Jan-1999	0.00			21	64				21	64
26-Jan-1999	0.00			30.8	95	638	1060		31	95
27-Jan-1999	0.00			22.2	68				22	68
28-Jan-1999	0.00			40.9	126	625	1057		41	126
29-Jan-1999	0.00			41	126				41	126
30-Jan-1999	0.00			40.9	126				41	126
31-Jan-1999	0.00			39.9	122				40	122
1-Feb-1999	0.00			35.5	109				36	109
2-Feb-1999	0.00			42.7	131	600	1032		43	131
3-Feb-1999	0.00			36	110				36	110
4-Feb-1999	0.00			42.9	132	599	1028		43	132
5-Feb-1999	0.00			25.1	77				25	77
6-Feb-1999	0.00			29.5	91				30	91
7-Feb-1999	0.00			6.2	19				6	19
8-Feb-1999	0.00			18.1	56				18	56
9-Feb-1999	0.00			30.4	93	615	1005		30	93
10-Feb-1999	0.00			29.3	90				29	90
11-Feb-1999	0.00			28.6	88	558	999		29	88
12-Feb-1999	0.00			42.4	130				42	130
13-Feb-1999	0.00			43.5	133				44	133
14-Feb-1999	0.00			42.7	131				43	131
15-Feb-1999	0.00			51.2	157				51	157
16-Feb-1999	0.00			10.4	32	588	978		10	32
17-Feb-1999	0.00			22.9	70				23	70
18-Feb-1999	0.00			40.1	123	519	963		40	123
19-Feb-1999	0.00			44.9	138				45	138
20-Feb-1999	0.00			52.5	161				53	161
21-Feb-1999	0.00			52.3	161				52	161
22-Feb-1999	0.00			45.2	139				45	139
23-Feb-1999	0.00			29.2	90				29	90
24-Feb-1999	0.00			30.8	95				31	95

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
25-Feb-1999	0.00			35.5	109	543	943	36	109	
26-Feb-1999	0.00			45.3	139			45	139	
27-Feb-1999	0.00			43.6	134			44	134	
28-Feb-1999	0.00			41	126			41	126	
1-Mar-1999	0.00			43.6	134			44	134	
2-Mar-1999	0.00			43.5	133	533	935	44	133	
3-Mar-1999	0.00			41.7	128			42	128	
4-Mar-1999	0.00			41.5	127	534	931	42	127	
5-Mar-1999	0.00			41.2	126			41	126	
6-Mar-1999	0.00			40.1	123			40	123	
7-Mar-1999	0.00			44.8	137			45	137	
8-Mar-1999	0.00			43.7	134			44	134	
9-Mar-1999	0.00			11.8	36	550	930	12	36	
10-Mar-1999	0.00			25.8	79			26	79	
11-Mar-1999	0.00			37.5	115	542	928	38	115	
12-Mar-1999	0.00			26.3	81			26	81	
13-Mar-1999	0.00			7.2	22			7	22	
14-Mar-1999	0.00			5.5	17			6	17	
15-Mar-1999	0.00			2.7	8			3	8	
16-Mar-1999	0.00							0	0	
17-Mar-1999	0.00							0	0	
18-Mar-1999	0.00							0	0	
19-Mar-1999	0.00			21.7	67			22	67	
20-Mar-1999	0.00			26.2	80			26	80	
21-Mar-1999	0.00			26.6	82			27	82	
22-Mar-1999	0.00			26.4	81			26	81	
23-Mar-1999	0.00			25.7	79	539	923	26	79	
24-Mar-1999	0.00			25.8	79			26	79	
25-Mar-1999	0.00			33.1	102	533	914	33	102	
26-Mar-1999	0.00			33.1	102			33	102	
27-Mar-1999	0.00			34	104			34	104	
28-Mar-1999	0.00			25.1	77			25	77	
29-Mar-1999	0.00			23.6	72			24	72	
30-Mar-1999	0.00			22.8	70	603	938	23	70	
31-Mar-1999	0.00			23.2	71			23	71	
1-Apr-1999	0.00			22.4	69	515	949	22	69	
2-Apr-1999	0.00			9.6	29			10	29	

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
3-Apr-1999		0.00				0			0	0
4-Apr-1999		0.00				0			0	0
5-Apr-1999		0.00				0			0	0
6-Apr-1999		0.00				0			0	0
7-Apr-1999		0.00			16.2	50			16	50
8-Apr-1999		0.00			23.1	71	534	973	23	71
9-Apr-1999		0.00			24.1	74			24	74
10-Apr-1999		0.00			22.9	70			23	70
11-Apr-1999		0.00			18	55			18	55
12-Apr-1999		0.00			24.7	76			25	76
13-Apr-1999		0.00			27.6	85	585	970	28	85
14-Apr-1999		0.00			21	64			21	64
15-Apr-1999		0.00			19.4	60	594	977	19	60
16-Apr-1999		0.00			19.1	59			19	59
17-Apr-1999		0.00			19.1	59			19	59
18-Apr-1999		0.00			18.7	57			19	57
19-Apr-1999		0.00			18.5	57			19	57
20-Apr-1999		0.00			18.3	56	675	998	18	56
21-Apr-1999		0.00			14.5	44			15	44
22-Apr-1999		0.00			12.7	39	576	1001	13	39
23-Apr-1999		0.00			14.3	44			14	44
24-Apr-1999		0.00			7.3	22			7	22
25-Apr-1999		0.00				0			0	0
26-Apr-1999		0.00				0			0	0
27-Apr-1999	1.70	5.22				0			2	5
28-Apr-1999	13.50	41.43			9.9	30			23	72
29-Apr-1999	24.30	74.57			10.9	33	596	1007	35	108
30-Apr-1999	30.10	92.37			7.4	23			38	115
1-May-1999	24.30	74.57				0			24	75
2-May-1999	26.20	80.40			12.1	37			38	118
3-May-1999	3.50	10.74			16	49			20	60
4-May-1999		0.00			5.1	16	595	1001	5	16
5-May-1999	24.10	73.96			13.4	41			38	115
6-May-1999	25.10	77.03			10.9	33	594		36	110
7-May-1999	20.50	62.91			11.9	37			32	99
8-May-1999		0.00			18.6	57			19	57
9-May-1999	28.40	87.16			12	37			40	124

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
10-May-1999	26.90	82.55			2.6	8			30	91
11-May-1999	26.80	82.25				0			27	82
12-May-1999	26.90	82.55				0			27	83
13-May-1999	17.30	53.09			13.8	42	629	1015	31	95
14-May-1999	13.30	40.82			18.1	56			31	96
15-May-1999	13.70	42.04			15.7	48			29	90
16-May-1999		0.00			2.2	7			2	7
17-May-1999	27.10	83.17				0			27	83
18-May-1999	29.10	89.30		600		0	612	1034	29	89
19-May-1999	16.60	50.94				0			17	51
20-May-1999	21.60	66.29				0			22	66
21-May-1999	22.50	69.05				0			23	69
22-May-1999	24.00	73.65				0			24	74
23-May-1999		0.00				0			0	0
24-May-1999	21.70	66.59				0			22	67
25-May-1999	23.50	72.12				0			24	72
26-May-1999	28.10	86.24				0			28	86
27-May-1999	31.60	96.98				0			32	97
28-May-1999	26.30	80.71				0			26	81
29-May-1999	20.80	63.83				0			21	64
30-May-1999	16.90	51.86				0			17	52
31-May-1999	24.40	74.88				0			24	75
1-Jun-1999	26.30	80.71				0			26	81
2-Jun-1999	27.00	82.86				0			27	83
3-Jun-1999	31.50	96.67				0			32	97
4-Jun-1999	29.20	89.61				0			29	90
5-Jun-1999	9.50	29.15				0			10	29
6-Jun-1999		0.00				0			0	0
7-Jun-1999	23.20	71.20				0			23	71
8-Jun-1999	25.40	77.95				0			25	78
9-Jun-1999	23.20	71.20				0			23	71
10-Jun-1999	26.30	80.71				0			26	81
11-Jun-1999	23.00	70.58				0			23	71
12-Jun-1999	16.10	49.41				0			16	49
13-Jun-1999		0.00				0			0	0
14-Jun-1999	21.60	66.29				0			22	66
15-Jun-1999	11.70	35.91				0			12	36

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
16-Jun-1999		0.00				0			0	0
17-Jun-1999	26.30	80.71				0			26	81
18-Jun-1999	31.20	95.75				0			31	96
19-Jun-1999	34.80	106.80				0			35	107
20-Jun-1999	24.40	74.88				0			24	75
21-Jun-1999	23.30	71.50		660		0			23	72
22-Jun-1999	21.50	65.98				0			22	66
23-Jun-1999	21.70	66.59				0			22	67
24-Jun-1999	22.60	69.36				0			23	69
25-Jun-1999	32.10	98.51				0			32	99
26-Jun-1999	40.30	123.68				0			40	124
27-Jun-1999	18.90	58.00				0			19	58
28-Jun-1999	13.00	39.90				0			13	40
29-Jun-1999		0.00				0			0	0
30-Jun-1999		0.00				0			0	0
1-Jul-1999	13.70	42.04				0			14	42
2-Jul-1999	32.20	98.82				0			32	99
3-Jul-1999	31.70	97.28				0			32	97
4-Jul-1999	30.10	92.37				0			30	92
5-Jul-1999	30.40	93.29				0			30	93
6-Jul-1999	33.20	101.89				0			33	102
7-Jul-1999	31.90	97.90				0			32	98
8-Jul-1999	33.30	102.19				0			33	102
9-Jul-1999	25.00	76.72				0			25	77
10-Jul-1999	21.40	65.67				0			21	66
11-Jul-1999		0.00				0			0	0
12-Jul-1999	13.80	42.35				0			14	42
13-Jul-1999	17.20	52.78				0			17	53
14-Jul-1999	20.60	63.22		690		0			21	63
15-Jul-1999	21.00	64.45				0			21	64
16-Jul-1999	23.60	72.43				0			24	72
17-Jul-1999	23.10	70.89				0			23	71
18-Jul-1999	17.00	52.17				0			17	52
19-Jul-1999	19.00	58.31				0			19	58
20-Jul-1999	26.30	80.71				0			26	81
21-Jul-1999	25.80	79.18				0			26	79
22-Jul-1999	21.70	66.59				0			22	67

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
23-Jul-1999	21.00	64.45			0				21	64
24-Jul-1999	17.00	52.17			0				17	52
25-Jul-1999	16.00	49.10			0				16	49
26-Jul-1999	13.00	39.90			0				13	40
27-Jul-1999	14.00	42.96			0				14	43
28-Jul-1999	22.40	68.74			0				22	69
29-Jul-1999	20.00	61.38			0				20	61
30-Jul-1999	26.00	79.79			0				26	80
31-Jul-1999	25.00	76.72			0				25	77
1-Aug-1999	23.10	70.89			0				23	71
2-Aug-1999	35.00	107.41			0				35	107
3-Aug-1999	28.60	87.77			0				29	88
4-Aug-1999	30.40	93.29			0				30	93
5-Aug-1999	27.30	83.78			0				27	84
6-Aug-1999	26.10	80.10			0				26	80
7-Aug-1999	25.00	76.72			0				25	77
8-Aug-1999	32.20	98.82			0				32	99
9-Aug-1999	31.00	95.14			0				31	95
10-Aug-1999	27.60	84.70			0				28	85
11-Aug-1999	28.40	87.16			0				28	87
12-Aug-1999	30.10	92.37			0				30	92
13-Aug-1999	26.10	80.10			0				26	80
14-Aug-1999	32.00	98.20			0				32	98
15-Aug-1999	25.00	76.72			0				25	77
16-Aug-1999	27.60	84.70			0				28	85
17-Aug-1999	22.70	69.66			0				23	70
18-Aug-1999	21.10	64.75			0				21	65
19-Aug-1999	24.10	73.96			0				24	74
20-Aug-1999	26.90	82.55			0				27	83
21-Aug-1999	28.10	86.24			0				28	86
22-Aug-1999	21.00	64.45			0				21	64
23-Aug-1999	34.00	104.34			0				34	104
24-Aug-1999	31.60	96.98			0				32	97
25-Aug-1999	26.30	80.71	670		0				26	81
26-Aug-1999	23.00	70.58			0				23	71
27-Aug-1999	21.20	65.06			0				21	65
28-Aug-1999	27.60	84.70	1242.00		0				28	85

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
29-Aug-1999	27.00	82.86	0.00			0			27	83
30-Aug-1999	22.00	67.52				0			22	68
31-Aug-1999	29.00	89.00	0.00			0			29	89
1-Sep-1999	21.20	65.06	1284.00			0			21	65
2-Sep-1999	18.50	56.77	1524.00			0			19	57
3-Sep-1999	28.00	85.93	1297.00			0			28	86
4-Sep-1999	30.00	92.07	1365.00			0			30	92
5-Sep-1999	18.50	56.77	1300.00			0			19	57
6-Sep-1999	21.30	65.37				0			21	65
9/7/99	9.10	27.93	1311.00			0			9	28
9/8/99	0.00	0.00	1325.00			0			0	0
9/9/99	0.00	0.00	1310.00			0			0	0
9/10/99	0.00	0.00	1431.00			0			0	0
9/11/99	0.00	0.00	1357.00			0			0	0
9/12/99	0.00	0.00	1376.00			0			0	0
9/13/99	0.00	0.00	1314.00			0			0	0
9/14/99	0.00	0.00	1359.00			0			0	0
9/15/99	0.00	0.00	1346.00			0			0	0
9/16/99	0.00	0.00				0			0	0
9/17/99	0.00	0.00				0			0	0
9/18/99	0.00	0.00	1383.00			0			0	0
9/19/99	0.00	0.00	1329.00			0			0	0
9/20/99	0.00	0.00	1350.00			0			0	0
9/21/99	0.00	0.00	1363.00			0			0	0
9/22/99	0.00	0.00	1369.00			0			0	0
9/23/99	0.00	0.00	1372.00			0			0	0
9/24/99	0.00	0.00	1385.00			0			0	0
9/25/99	0.00	0.00	1385.00			0			0	0
9/26/99	0.00	0.00	0.10			0			0	0
9/27/99	0.00	0.00	1383.00			0			0	0
9/28/99	0.00	0.00	1359.00			0			0	0
9/29/99	0.00	0.00	1392.00			0			0	0
9/30/99	0.00	0.00	1396.00			0			0	0
10/1/99	0.00	0.00	1424.00			0			0	0
10/2/99	0.00	0.00	1422.00			0			0	0
10/3/99	0.00	0.00	1416.00			0			0	0
10/4/99	0.00	0.00	1416.00			0			0	0

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
10/5/99	0.00	0.00	1407.00			0			0	0
10/6/99	0.00	0.00	1419.00			0			0	0
10/7/99	0.00	0.00	1435.00			0			0	0
10/8/99	4.66	14.30	1439.00			0			5	14
10/9/99	0.00	0.00	1444.00			0			0	0
10/10/99	0.00	0.00	1419.00			0			0	0
10/11/99	0.00	0.00	1392.00			0			0	0
10/12/99	0.00	0.00	0.00			0			0	0
10/13/99	0.00	0.00	1408.00			0			0	0
10/14/99	0.00	0.00	1416.00			0			0	0
10/15/99	0.00	0.00	1377.00			0			0	0
10/16/99	0.00	0.00	1415.00			0			0	0
10/17/99	0.00	0.00				0			0	0
10/18/99	0.00	0.00				0			0	0
10/19/99	0.00	0.00	1421.00			0			0	0
10/20/99	0.00	0.00	1419.00			0			0	0
10/21/99	0.00	0.00	1435.00			0			0	0
10/22/99	0.00	0.00	1425.00			0			0	0
10/23/99	0.00	0.00	1436.00			0			0	0
10/24/99	0.00	0.00				0			0	0
10/25/99	0.00	0.00				0			0	0
10/26/99	0.00	0.00	1420.00			0			0	0
10/27/99	0.00	0.00	1426.00			0			0	0
10/28/99	0.00	0.00	1398.00			0			0	0
10/29/99	0.00	0.00	1410.00			0			0	0
10/30/99	0.00	0.00	1416.00			0			0	0
10/31/99	0.00	0.00	1409.00			0			0	0
11/1/99	0.00	0.00				0			0	0
11/2/99	0.00	0.00				0			0	0
11/3/99	13.00	39.90				0			13	40
11/4/99	9.00	27.62				0			9	28
11/5/99	6.00	18.41				0			6	18
11/6/99	0.00	0.00				0			0	0
11/7/99	0.00	0.00				0			0	0
11/8/99	0.00	0.00				0			0	0
11/9/99	0.00	0.00				0			0	0
11/10/99	0.00	0.00				0			0	0

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
 Peer Review Draft

Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
11/11/99	0.00	0.00				0			0	0
11/12/99	0.00	0.00				0			0	0
11/13/99	0.00	0.00				0			0	0
11/14/99	0.00	0.00				0			0	0
11/15/99	0.00	0.00				0			0	0
11/16/99	0.00	0.00				0			0	0
11/17/99	0.00	0.00				0			0	0
11/18/99	0.00	0.00			19.1	59			19	59
11/19/99	0.00	0.00			19.1	59			19	59
11/20/99	0.00	0.00			23.6	72			24	72
11/21/99	0.00	0.00			23.7	73			24	73
11/22/99	0.00	0.00			19.4	60			19	60
11/23/99	0.00	0.00			21.8	67	770		22	67
11/24/99	0.00	0.00			21.8	67			22	67
11/25/99	0.00	0.00			21.5	66			22	66
11/26/99	0.00	0.00			10.4	32			10	32
11/27/99	0.00	0.00			12.4	38			12	38
11/28/99	0.00	0.00			18.6	57			19	57
11/29/99	0.00	0.00				0			0	0
11/30/99	0.00	0.00				0			0	0
12/1/99	0.00	0.00				0			0	0
12/2/99	0.00	0.00				0			0	0
12/3/99	0.00	0.00	1385.00			0			0	0
12/4/99	0.00	0.00	1295.00			0			0	0
12/5/99	0.00	0.00	1273.00			0			0	0
12/6/99	0.00	0.00	1260.00			0			0	0
12/7/99	0.00	0.00	1264.00			0			0	0
12/8/99	0.00	0.00	1284.00			0			0	0
12/9/99	0.00	0.00	1291.00			0			0	0
12/10/99	0.00	0.00				0			0	0
12/11/99	0.00	0.00				0			0	0
12/12/99	0.00	0.00	1273.00			0			0	0
12/13/99	0.00	0.00	1277.00			0			0	0
12/14/99	0.00	0.00	1271.00			0			0	0
12/15/99	0.00	0.00	1249.00			0			0	0
12/16/99	0.00	0.00	1268.00			0			0	0
12/17/99	0.00	0.00				0			0	0

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
12/18/99	15.00	46.03				0			15	46
12/19/99	19.00	58.31	1244.00			0			19	58
12/20/99	17.00	52.17	1241.00			0			17	52
12/21/99	13.00	39.90	1254.00			0			13	40
12/22/99	15.00	46.03	1219.00			0			15	46
12/23/99	18.00	55.24	1237.00			0			18	55
12/24/99	1.00	3.07	1239.00			0			1	3
12/25/99	0.00	0.00	1250.00			0			0	0
12/26/99	0.00	0.00	1243.00			0			0	0
12/27/99	23.00	70.58	1247.00			0			23	71
12/28/99	27.00	82.86	1232.00			0			27	83
12/29/99	26.00	79.79	1237.00			0			26	80
12/30/99	21.00	64.45	1231.00			0			21	64
12/31/99	0.00	0.00	1230.00			0			0	0
1/1/00	0.00	0.00	1227.00			0			0	0
1/2/00	0.00	0.00	1228.00			0			0	0
1/3/00	0.00	0.00	1206.00			0			0	0
1/4/00	13.00	39.90	1202.00			0			13	40
1/5/00	1.00	3.07	1198.00	709.00		0			1	3
1/6/00	0.00	0.00	1192.00			0			0	0
1/7/00	0.00	0.00	1178.00			0			0	0
1/8/00	0.00	0.00	1160.00			0			0	0
1/9/00	0.00	0.00	1151.00	782.00		0			0	0
1/10/00	27.00	82.86	1129.00			0			27	83
1/11/00	8.00	24.55	1124.00			0			8	25
1/12/00	0.00	0.00	1130.00			0			0	0
1/13/00	0.00	0.00	1131.00			0			0	0
1/14/00	0.00	0.00	1118.00			0			0	0
1/15/00	0.00	0.00	1108.00			0			0	0
1/16/00	0.00	0.00	1103.00			0			0	0
1/17/00	0.00	0.00				0			0	0
1/18/00	0.00	0.00				0			0	0
1/19/00	0.00	0.00	1103.00		17.8	55		1194	18	55
1/20/00	0.00	0.00	1102.00		18.9	58		1197	19	58
1/21/00	0.00	0.00	1115.00		19.5	60		1187	20	60
1/22/00	0.00	0.00	1112.00		18.4	56		1150	18	56
1/23/00	0.00	0.00	1172.00		19.9	61		1137	20	61

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
1/24/00	0.00	0.00	1192.00		25.5	78		1166	26	78
1/25/00	0.00	0.00	966.00		30.9	95		1131	31	95
1/26/00	0.00	0.00	1093.00		34.3	105		1145	34	105
1/27/00	0.00	0.00	1075.00		34.3	105		1140	34	105
1/28/00	0.00	0.00	1084.00		40.5	124		1143	41	124
1/29/00	0.00	0.00			41.4	127		1135	41	127
1/30/00	0.00	0.00			36.7	113		1221	37	113
1/31/00	0.00	0.00			32.6	100		1117	33	100
2/1/00	0.00	0.00				0			0	0
2/2/00	0.00	0.00			23.1	71		1121	23	71
2/3/00	0.00	0.00			29.4	90	635	1112	29	90
2/4/00	0.00	0.00			29.4	90		1107	29	90
2/5/00	0.00	0.00			22.9	70		1123	23	70
2/6/00	0.00	0.00			27.8	85		1213	28	85
2/7/00	0.00	0.00			25.3	78		1097	25	78
2/8/00	0.00	0.00			25.8	79		1088	26	79
2/9/00	0.00	0.00	969.00		23.2	71		1089	23	71
2/10/00	0.00	0.00			23.8	73	687	1089	24	73
2/11/00	0.00	0.00			25	77		1091	25	77
2/12/00	0.00	0.00			24.8	76		1071	25	76
2/13/00	0.00	0.00			31	95		1069	31	95
2/14/00	0.00	0.00			45.5	140		1037	46	140
2/15/00	0.00	0.00			45.5	140		1054	46	140
2/16/00	0.00	0.00			34.5	106		1057	35	106
2/17/00	0.00	0.00			51.5	158		1038	52	158
2/18/00	0.00	0.00			48.6	149		1048	49	149
2/19/00	0.00	0.00			49	150		1077	49	150
2/20/00	0.00	0.00			47.8	147		1137	48	147
2/21/00	0.00	0.00			46.4	142		1147	46	142
2/22/00	0.00	0.00				0			0	0
2/23/00	0.00	0.00			44.2	136		1015	44	136
2/24/00	0.00	0.00			55.1	169		1016	55	169
2/25/00	0.00	0.00	963.00		53.6	164	602	1007	54	164
2/26/00	0.00	0.00			51.3	157		1007	51	157
2/27/00	0.00	0.00			47.9	147		1016	48	147
2/28/00	0.00	0.00			49.9	153		1004	50	153
2/29/00	0.00	0.00			52.5	161		991	53	161

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
3/1/00	0.00	0.00			52.4	161		987	52	161
3/2/00	0.00	0.00			43.6	134		989	44	134
3/3/00	0.00	0.00			50.8	156	569	987	51	156
3/4/00	0.00	0.00			51	157		1052	51	157
3/5/00	0.00	0.00			52	160		980	52	160
3/6/00	0.00	0.00			44	135		953	44	135
3/7/00	0.00	0.00			27	83		979	27	83
3/8/00	0.00	0.00	944.00		44.2	136		977	44	136
3/9/00	0.00	0.00			30.6	94	594	963	31	94
3/10/00	0.00	0.00			34.1	105		962	34	105
3/11/00	0.00	0.00			50.8	156		949	51	156
3/12/00	0.00	0.00			47.8	147		968	48	147
3/13/00	0.00	0.00			55.2	169		958	55	169
3/14/00	0.00	0.00	943.00		56	172		957	56	172
3/15/00	0.00	0.00	945.00		46.5	143		962	47	143
3/16/00	0.00	0.00	961.00		51.4	158	579	949	51	158
3/17/00	0.00	0.00			49.6	152		950	50	152
3/18/00	0.00	0.00			48.1	148		982	48	148
3/19/00	0.00	0.00	952.00		45.1	138		987	45	138
3/20/00	0.00	0.00	952.00		43.5	133		948	44	133
3/21/00	0.00	0.00	944.00		43	132		962	43	132
3/22/00	0.00	0.00	918.00		26.1	80		925	26	80
3/23/00	0.00	0.00	907.00		40.6	125	534	933	41	125
3/24/00	0.00	0.00	920.00		39	120		941	39	120
3/25/00	0.00	0.00	935.00		39.2	120		941	39	120
3/26/00	0.00	0.00	922.00		38.35	118		935	38	118
3/27/00	0.00	0.00	910.00		27.4	84		940	27	84
3/28/00	0.00	0.00	899.00			0			0	0
3/29/00	15.80	48.49	900.00	577.00		0			16	48
3/30/00	28.20	86.54	899.00			0			28	87
3/31/00	19.90	61.07	900.00			0			20	61
4/1/00	18.00	55.24	952.00			0			18	55
4/2/00	30.00	92.07				0			30	92
4/3/00	29.30	89.92				0			29	90
4/4/00	25.00	76.72				0			25	77
4/5/00	26.40	81.02		525.00		0			26	81
4/6/00	16.00	49.10	880.00			0			16	49

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
4/7/00	28.00	85.93	880.00			0			28	86
4/8/00	23.00	70.58	893.00			0			23	71
4/9/00	16.00	49.10	744.00			0			16	49
4/10/00	12.23	37.53	899.00			0			12	38
4/11/00	17.60	54.01	893.00			0			18	54
4/12/00	26.40	81.02	901.00			0			26	81
4/13/00	17.50	53.71	908.00			0			18	54
4/14/00	17.00	52.17	892.00			0			17	52
4/15/00	21.00	64.45	904.00			0			21	64
4/16/00	14.50	44.50				0			15	44
4/17/00	0.00	0.00				0			0	0
4/18/00	0.00	0.00	907.00			0			0	0
4/19/00	0.00	0.00	913.00			0			0	0
4/20/00	0.00	0.00	932.00			0			0	0
4/21/00	20.60	63.22	958.00			0			21	63
4/22/00	29.00	89.00	914.00			0			29	89
4/23/00	25.90	79.48	909.00			0			26	79
4/24/00	26.00	79.79	906.00			0			26	80
4/25/00	20.00	61.38	901.00			0			20	61
4/26/00	22.00	67.52	918.00	550.00		0			22	68
4/27/00	23.00	70.58	922.00			0			23	71
4/28/00	20.00	61.38	933.00			0			20	61
4/29/00	9.10	27.93	925.00			0			9	28
4/30/00	22.00	67.52	927.00			0			22	68
5/1/00	17.00	52.17	937.00			0			17	52
5/2/00	7.00	21.48	934.00			0			7	21
5/3/00	24.00	73.65	923.00			0			24	74
5/4/00	20.80	63.83	924.00			0			21	64
5/5/00	22.40	68.74	925.00			0			22	69
5/6/00	19.00	58.31	922.00			0			19	58
5/7/00	15.00	46.03	931.00			0			15	46
5/8/00	24.00	73.65	935.00			0			24	74
5/9/00	17.00	52.17	944.00			0			17	52
5/10/00	27.00	82.86	932.00			0			27	83
5/11/00	24.00	73.65	936.00			0			24	74
5/12/00	34.00	104.34	952.00			0			34	104
5/13/00	21.00	64.45	941.00			0			21	64

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
5/14/00	3.00	9.21	945.00			0			3	9
5/15/00	18.00	55.24	935.00			0			18	55
5/16/00	9.00	27.62	919.00			0			9	28
5/17/00	8.00	24.55		545.00		0			8	25
5/18/00	28.00	85.93				0			28	86
5/19/00	22.00	67.52	960.00			0			22	68
5/20/00	15.00	46.03	960.00			0			15	46
5/21/00	27.00	82.86	969.00			0			27	83
5/22/00	14.00	42.96	961.00			0			14	43
5/23/00	22.00	67.52	963.00			0			22	68
5/24/00	21.00	64.45	966.00			0			21	64
5/25/00	17.00	52.17	974.00			0			17	52
5/26/00	24.00	73.65	979.00			0			24	74
5/27/00	24.00	73.65	983.00			0			24	74
5/28/00	26.00	79.79	952.00			0			26	80
5/29/00	25.00	76.72	959.00			0			25	77
5/30/00	28.00	85.93	991.00			0			28	86
5/31/00	28.00	85.93	693.00			0			28	86
6/1/00	26.00	79.79	1002.00			0			26	80
6/2/00	32.00	98.20	1009.00			0			32	98
6/3/00	31.00	95.14	1007.00			0			31	95
6/4/00	27.00	82.86	1028.00			0			27	83
6/5/00	37.00	113.55	1015.00			0			37	114
6/6/00	25.00	76.72	1020.00	548.00		0			25	77
6/7/00	29.00	89.00	1009.00			0			29	89
6/8/00	35.00	107.41	1030.00			0			35	107
6/9/00	21.00	64.45	1011.00			0			21	64
6/10/00	23.00	70.58	1044.00			0			23	71
6/11/00	26.00	79.79	1028.00			0			26	80
6/12/00	26.00	79.79	1037.00			0			26	80
6/13/00	22.00	67.52	1050.00	628.00		0			22	68
6/14/00	26.00	79.79	1043.00			0			26	80
6/15/00	23.00	70.58	1039.00			0			23	71
6/16/00	26.00	79.79				0			26	80
6/17/00	26.00	79.79				0			26	80
6/18/00	24.00	73.65	1053.00			0			24	74
6/19/00	29.00	89.00	1053.00			0			29	89

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
6/20/00	30.00	92.07	1060.00	614.00		0			30	92
6/21/00	25.00	76.72	1047.00			0			25	77
6/22/00	23.00	70.58	1071.00			0			23	71
6/23/00	25.00	76.72	1068.00			0			25	77
6/24/00	27.00	82.86	1062.00			0			27	83
6/25/00	24.00	73.65				0			24	74
6/26/00	23.00	70.58				0			23	71
6/27/00	24.00	73.65	1090.00			0			24	74
6/28/00	24.00	73.65	1096.00	664.00		0			24	74
6/29/00	29.00	89.00	1086.00			0			29	89
6/30/00	27.00	82.86	1120.00			0			27	83
7/1/00	28.00	85.93	1243.00			0			28	86
7/2/00	17.00	52.17	1178.00			0			17	52
7/3/00	20.00	61.38	1006.00			0			20	61
7/4/00	18.00	55.24	1002.00			0			18	55
7/5/00	24.00	73.65	1420.00	615.00		0			24	74
7/6/00	31.00	95.14	1422.00			0			31	95
7/7/00	18.00	55.24	1088.00			0			18	55
7/8/00	0.00	0.00	1976.00			0			0	0
7/9/00	0.00	0.00	1582.00			0			0	0
7/10/00	27.00	82.86	1173.00			0			27	83
7/11/00	26.00	79.79	1121.00			0			26	80
7/12/00	26.00	79.79	1293.00	676.00		0			26	80
13-Jul-2000	26	79.79	1506.00	910		0			26	80
14-Jul-2000	21	64.45	1008.00			0			21	64
15-Jul-2000	23	70.58	1311.00			0			23	71
16-Jul-2000	24	73.65	1739.00			0			24	74
17-Jul-2000	24	73.65				0			24	74
18-Jul-2000	25	76.72				0			25	77
19-Jul-2000	25	76.72	1354.00	1155		0			25	77
20-Jul-2000	27	82.86	1133.00			0			27	83
21-Jul-2000	36	110.48	1484.00			0			36	110
22-Jul-2000	35	107.41	1486.00			0			35	107
23-Jul-2000	33	101.27	1551.00			0			33	101
24-Jul-2000	32	98.20	1659.00			0			32	98
25-Jul-2000	33	101.27	1659.00			0			33	101
26-Jul-2000	34	104.34	1640.00	1225		0			34	104

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
 Peer Review Draft

Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
27-Jul-2000	37	113.55	1787.00			0			37	114
28-Jul-2000	32	98.20	1615.00			0			32	98
29-Jul-2000	36	110.48	1678.00			0			36	110
30-Jul-2000	34	104.34	1837.00			0			34	104
31-Jul-2000	33	101.27	1635.00			0			33	101
1-Aug-2000	34	104.34	1655.00			0			34	104
2-Aug-2000	34	104.34	1830.00	2350		0			34	104
3-Aug-2000	34	104.34	1546.00			0			34	104
4-Aug-2000	36	110.48	1486.00			0			36	110
5-Aug-2000	35	107.41	1503.00			0			35	107
6-Aug-2000	30	92.07	1335.00			0			30	92
7-Aug-2000	29	89.00	1388.00			0			29	89
8-Aug-2000	29	89.00	1379.00			0			29	89
9-Aug-2000	28	85.93	1639.00	1780		0			28	86
10-Aug-2000	29	89.00	1463.00			0			29	89
11-Aug-2000	25	76.72	1860.00			0			25	77
12-Aug-2000	28	85.93	1230.00			0			28	86
13-Aug-2000	29	89.00	1942.00			0			29	89
14-Aug-2000	27	82.86	1406.00			0			27	83
15-Aug-2000	28	85.93	1824.00			0			28	86
16-Aug-2000	25	76.72	1543.00	1640		0			25	77
17-Aug-2000	32	98.20				0			32	98
18-Aug-2000	30	92.07				0			30	92
19-Aug-2000	25	76.72	1421.00			0			25	77
20-Aug-2000	26	79.79	1295.00			0			26	80
21-Aug-2000	29	89.00	1242.00			0			29	89
22-Aug-2000	29	89.00	1459.00			0			29	89
23-Aug-2000	26	79.79	1343.00	740		0			26	80
24-Aug-2000	26	79.79	1524.00			0			26	80
25-Aug-2000	29	89.00	1585.00			0			29	89
26-Aug-2000	27	82.86	1243.00			0			27	83
27-Aug-2000	28	85.93	1249.00			0			28	86
28-Aug-2000	25	76.72	1813.00			0			25	77
29-Aug-2000	28	85.93	1818.00			0			28	86
30-Aug-2000	24	73.65	1423.00	960		0			24	74
31-Aug-2000	27	82.86	2100.00			0			27	83
1-Sep-2000	30	92.07	1620.00			0			30	92

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
2-Sep-2000	26	79.79	2140.00			0			26	80
3-Sep-2000	28	85.93	1240.00			0			28	86
4-Sep-2000	17	52.17	1211.00			0			17	52
5-Sep-2000	27	82.86	1246.00			0			27	83
6-Sep-2000	26	79.79	1255.00	1550		0			26	80
7-Sep-2000	22	67.52	1260.00			0			22	68
8-Sep-2000	22	67.52	1254.00			0			22	68
9-Sep-2000	21	64.45	1258.00			0			21	64
10-Sep-2000	21	64.45	1207.00			0			21	64
11-Sep-2000	23	70.58	1205.00			0			23	71
12-Sep-2000	24	73.65	1183.00			0			24	74
13-Sep-2000	20	61.38	1182.00	1470		0			20	61
14-Sep-2000	22	67.52	1200.00			0			22	68
15-Sep-2000	24	73.65	1194.00			0			24	74
16-Sep-2000	20	61.38				0			20	61
17-Sep-2000	18	55.24				0			18	55
9/18/00	18.00	55.24	1201.00			0			18	55
9/19/00	0.00	0.00	1180.00			0			0	0
9/20/00	0.00	0.00	1200.00			0			0	0
9/21/00	19.00	58.31	1211.00	672.00		0			19	58
9/22/00	13.00	39.90	1206.00			0			13	40
9/23/00	12.00	36.83	1191.00			0			12	37
9/24/00	0.00	0.00	1202.00			0			0	0
9/25/00	8.00	24.55	1183.00			0			8	25
9/26/00	12.00	36.83	1191.00			0			12	37
9/27/00	26.00	79.79	1200.00	728.00		0			26	80
9/28/00	7.00	21.48	1196.00			0			7	21
9/29/00	11.00	33.76	1166.00			0			11	34
9/30/00	20.00	61.38	1174.00			0			20	61
10/1/00	0.00	0.00	1182.00			0			0	0
10/2/00	18.00	55.24	1182.00			0			18	55
10/3/00	12.00	36.83	1188.00			0			12	37
10/4/00	11.00	33.76	1196.00	484.00		0			11	34
10/5/00	10.00	30.69	1196.00			0			10	31
10/6/00	8.00	24.55	1204.00			0			8	25
10/7/00	12.00	36.83	1197.00			0			12	37
10/8/00	0.00	0.00	1223.00			0			0	0

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
10/9/00	12.00	36.83	1203.00			0			12	37
10/10/00	7.00	21.48	1240.00			0			7	21
10/11/00	6.00	18.41	1214.00	680.00		0			6	18
10/12/00	0.00	0.00	1139.00			0			0	0
10/13/00	0.00	0.00	1176.00			0			0	0
10/14/00	0.00	0.00	1179.00			0			0	0
10/15/00	0.00	0.00	1184.00			0			0	0
10/16/00	13.00	39.90	1195.00			0			13	40
10/17/00	11.00	33.76				0			11	34
10/18/00	6.00	18.41		788.00		0			6	18
10/19/00	3.00	9.21				0			3	9
10/20/00	3.00	9.21				0			3	9
10/21/00	5.00	15.34				0			5	15
10/22/00	4.00	12.28				0			4	12
10/23/00	5.00	15.34				0			5	15
10/24/00	4.00	12.28	1218.00			0			4	12
10/25/00	6.00	18.41	1205.00	552.00		0			6	18
10/26/00	0.00	0.00	1204.00			0			0	0
10/27/00	0.00	0.00	1219.00			0			0	0
10/28/00	0.00	0.00	1080.00			0			0	0
10/29/00	0.00	0.00	1223.00			0			0	0
10/30/00	0.00	0.00				0			0	0
10/31/00	0.00	0.00				0			0	0
11/1/00	0.00	0.00	1068.00			0			0	0
11/2/00	0.00	0.00	1218.00			0			0	0
11/3/00	0.00	0.00				0			0	0
11/4/00	0.00	0.00				0			0	0
11/5/00	0.00	0.00				0			0	0
11/6/00	5.00	15.34				0			5	15
11/7/00	7.00	21.48				0			7	21
11/8/00	5.00	15.34	1240.00			0			5	15
11/9/00	6.00	18.41				0			6	18
11/10/00	6.00	18.41				0			6	18
11/11/00	3.00	9.21				0			3	9
11/12/00	0.00	0.00				0			0	0
11/13/00	0.00	0.00		23.9	73		1179		24	73
11/14/00	4.00	12.28		33.8	104		1185		38	116

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
11/15/00	4.00	12.28			31.8	98	650	1050	36	110
11/16/00	4.00	12.28			28.1	86		1188	32	99
11/17/00	2.00	6.14			28.5	87		1216	31	94
11/18/00	0.00	0.00			28	86		1192	28	86
11/19/00	0.00	0.00			28.3	87		1188	28	87
11/20/00	0.00	0.00			28.2	87		1175	28	87
11/21/00	0.00	0.00			20.4	63		1186	20	63
11/22/00	0.00	0.00			26	80	756	1190	26	80
11/23/00	0.00	0.00			30.2	93		1192	30	93
11/24/00	0.00	0.00			21.8	67		1189	22	67
11/25/00	0.00	0.00			7	21		1181	7	21
11/26/00	0.00	0.00			27.3	84		1184	27	84
11/27/00	0.00	0.00			29.2	90		1176	29	90
11/28/00	0.00	0.00			28.5	87		1160	29	87
11/29/00	0.00	0.00			30.3	93	744	1165	30	93
11/30/00	0.00	0.00			30	92		1159	30	92
12/1/00	0.00	0.00			30.8	95		1180	31	95
12/2/00	0.00	0.00			29.9	92		1148	30	92
12/3/00	0.00	0.00			32.3	99		1162	32	99
12/4/00	0.00	0.00	1155.00		33.3	102		1153	33	102
12/5/00	0.00	0.00	1158.00			0			0	0
12/6/00	0.00	0.00	1147.00		27	83	632	1161	27	83
12/7/00	0.00	0.00	1138.00		26.2	80		1147	26	80
12/8/00	0.00	0.00			27.6	85		1159	28	85
12/9/00	0.00	0.00			26.1	80		1150	26	80
12/10/00	0.00	0.00			27	83		1148	27	83
12/11/00	0.00	0.00			27	83		1140	27	83
12/12/00	0.00	0.00			26.8	82		1144	27	82
12/13/00	0.00	0.00	1117.00		24.7	76	684	1024	25	76
12/14/00	0.00	0.00	1128.00		24.3	75		1018	24	75
12/15/00	0.00	0.00			25.7	79		1146	26	79
12/16/00	0.00	0.00			27.5	84		1132	28	84
12/17/00	0.00	0.00			26.7	82		1145	27	82
12/18/00	0.00	0.00			25.8	79		1134	26	79
12/19/00	1.10	3.38	1109.00		25.3	78		1141	26	81
12/20/00	1.10	3.38	1101.00	708.00	24.8	76	668	1141	26	79
12/21/00	1.44	4.42	1116.00		25.4	78		1137	27	82

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
12/22/00	0.30	0.92	1123.00		25.7	79		1131	26	80
12/23/00	0.00	0.00	1114.00		26.1	80		1123	26	80
12/24/00	0.00	0.00	1115.00		26	80		1123	26	80
12/25/00	0.00	0.00	1112.00		25.5	78		1123	26	78
12/26/00	0.00	0.00	1096.00		25.7	79		1128	26	79
12/27/00	0.00	0.00	974.00		27.2	83	688	1129	27	83
12/28/00	0.00	0.00	960.00		25.3	78		997	25	78
12/29/00	0.53	1.61	1050.00	750.00	25.4	78		1140	26	80
12/30/00	0.00	0.00	1040.00		25.4	78		1079	25	78
12/31/00	0.00	0.00	1029.00		25.1	77		1112	25	77
1/1/01	0.00	0.00	1022.00		23.2	71		1114	23	71
1/2/01	0.00	0.00	909.00		23.5	72		1107	24	72
1/3/01	0.00	0.00	1025.00			0			0	0
1/4/01	1.44	4.42	1032.00		15	46		1120	16	50
1/5/01	1.44	4.42	1052.00		20.5	63		1121	22	67
1/6/01	0.00	0.00	1058.00		20.7	64		1112	21	64
1/7/01	0.00	0.00	1010.00		20.8	64		1109	21	64
1/8/01	0.00	0.00	1024.00		22.4	69		1101	22	69
1/9/01	0.00	0.00	1035.00		24.2	74		986	24	74
1/10/01	0.00	0.00	1025.00		28.7	88	548	974	29	88
1/11/01	0.00	0.00	1032.00		31.8	98		967	32	98
1/12/01	0.00	0.00	1027.00		34.8	107		1083	35	107
1/13/01	0.00	0.00	1026.00		33.8	104		1081	34	104
1/14/01	0.00	0.00	1028.00		36.8	113		1078	37	113
1/15/01	0.00	0.00	1018.00		36.7	113		1081	37	113
1/16/01	0.00	0.00	1015.00		37.3	114		1072	37	114
1/17/01	0.00	0.00			31.4	96	612	938	31	96
1/18/01	0.00	0.00			33.2	102		1073	33	102
1/19/01	0.00	0.00	1009.00		21.3	65		1061	21	65
1/20/01	0.00	0.00	1015.00		21	64		1070	21	64
1/21/01	0.00	0.00	1020.00		25.3	78		1064	25	78
1/22/01	0.00	0.00	1035.00		23.7	73		1060	24	73
1/23/01	0.00	0.00	1003.00		24.6	75		1067	25	75
1/24/01	0.00	0.00	1000.00		0	0			0	0
1/25/01	0.00	0.00	1001.00		18.6	57			19	57
1/26/01	0.00	0.00	989.00		28	86		1050	28	86
1/27/01	0.00	0.00	1010.00		38.6	118		1047	39	118

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	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
1/28/01	0.00	0.00	1011.00		40	123		1053	40	123
1/29/01	0.00	0.00	1007.00		39.6	122		1045	40	122
1/30/01	0.00	0.00	986.00		35.9	110		1015	36	110
1/31/01	0.00	0.00	865.00		33.5	103	588	1038	34	103
2/1/01	0.00	0.00	997.00		32	98		1041	32	98
2/2/01	0.00	0.00	994.00		30.9	95		1046	31	95
2/3/01	0.00	0.00	993.00		30.9	95		1036	31	95
2/4/01	0.00	0.00	978.00		26.4	81		1032	26	81
2/5/01	0.00	0.00	988.00		25.9	79		1031	26	79
2/6/01	0.00	0.00	985.00		27.8	85		1026	28	85
2/7/01	0.00	0.00	989.00		27.8	85	590	1029	28	85
2/8/01	0.00	0.00	990.00		26.3	81		1026	26	81
2/9/01	0.00	0.00	989.00		28.5	87		1031	29	87
2/10/01	0.00	0.00	980.00		28.2	87		1028	28	87
2/11/01	0.00	0.00	989.00		27.5	84		1027	28	84
2/12/01	0.00	0.00	988.00		29.3	90		1022	29	90
2/13/01	0.00	0.00	983.00		36.8	113		903	37	113
2/14/01	0.00	0.00			38.9	119	580	928	39	119
2/15/01	0.00	0.00			39.2	120		883	39	120
2/16/01	0.00	0.00	988.00		36.6	112		1015	37	112
2/17/01	0.00	0.00	977.00		33.9	104		1022	34	104
2/18/01	0.00	0.00	950.00		31.4	96		1014	31	96
2/19/01	0.00	0.00	945.00		29.5	91		1020	30	91
2/20/01	0.00	0.00	934.00		27.6	85		1009	28	85
2/21/01	0.00	0.00	924.00			0			0	0
2/22/01	0.00	0.00	919.00		27.1	83		1013	27	83
2/23/01	0.00	0.00	924.00		31.6	97		1003	32	97
2/24/01	0.00	0.00	927.00		34.2	105		995	34	105
2/25/01	0.00	0.00	920.00		44.9	138		979	45	138
2/26/01	0.00	0.00	901.00		45.3	139		1005	45	139
2/27/01	0.00	0.00	918.00		51.3	157		1003	51	157
2/28/01	4.80	14.73	879.00	500.00	49.4	152	556	1002	54	166
3/1/01	3.10	9.51	930.00	500.00	45.2	139		1008	48	148
3/2/01	0.00	0.00	933.00		8.82	27		988	9	27
3/3/01	0.00	0.00	931.00			0			0	0
3/4/01	0.00	0.00	942.00			0			0	0
3/5/01	0.00	0.00	912.00			0			0	0

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
3/6/01	0.00	0.00	930.00			0			0	0
3/7/01	0.00	0.00	953.00			0			0	0
3/8/01	0.00	0.00	944.00			0			0	0
3/9/01	0.00	0.00	936.00			0			0	0
3/10/01	0.00	0.00	942.00			0			0	0
3/11/01	0.00	0.00	947.00			0			0	0
3/12/01	0.00	0.00	966.00			0			0	0
3/13/01	0.00	0.00	1003.00			0			0	0
3/14/01	3.46	10.61	992.00	500.00		0			3	11
3/15/01	2.20	6.75	1005.00			0			2	7
3/16/01	0.00	0.00	1011.00			0			0	0
3/17/01	0.00	0.00				0			0	0
3/18/01	0.00	0.00				0			0	0
3/19/01	0.00	0.00	1010.00			0			0	0
3/20/01	0.00	0.00	999.00			0			0	0
3/21/01	1.84	5.63	1034.00	548.00		0			2	6
3/22/01	3.24	9.94	1038.00			0			3	10
3/23/01	1.08	3.31	926.00			0			1	3
3/24/01	0.00	0.00	1014.00			0			0	0
3/25/01	0.00	0.00	988.00			0			0	0
3/26/01	0.00	0.00	986.00			0			0	0
3/27/01	0.00	0.00	1000.00			0			0	0
3/28/01	4.30	13.20	889.00	524.00		0			4	13
3/29/01	3.30	10.13	891.00			0			3	10
3/30/01	4.30	13.20	1006.00			0			4	13
3/31/01	1.08	3.31	1001.00			0			1	3
4/1/01		0.00	1006.00			0			0	0
4/2/01	4.32	13.26	1008.00			0			4	13
4/3/01	12.30	37.75	994.00			0			12	38
4/4/01	16.20	49.72	1016.00	548.00		0			16	50
4/5/01	19.00	58.31	1015.00			0			19	58
4/6/01	21.00	64.45	1013.00			0			21	64
4/7/01	3.00	9.21	1014.00			0			3	9
4/8/01		0.00	1017.00			0			0	0
4/9/01	21.50	65.98	1015.00			0			22	66
4/10/01	18.90	58.00	1009.00	428.00		0			19	58
4/11/01	23.60	72.43	1027.00			0			24	72

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre- ft	EC (μ S/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (μ S/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
4/12/01	28.00	85.93	1019.00			0			28	86
4/13/01	29.00	89.00	1017.00			0			29	89
4/14/01	14.00	42.96	1021.00			0			14	43
4/15/01		0.00	1027.00			0			0	0
4/16/01	23.00	70.58				0			23	71
4/17/01	24.20	74.27		502.00		0			24	74
4/18/01	17.00	52.17	1027.00			0			17	52
4/19/01	10.00	30.69	1031.00			0			10	31
4/20/01	9.00	27.62	1034.00			0			9	28
4/21/01	10.00	30.69	1045.00			0			10	31
4/22/01		0.00	1039.00			0			0	0
4/23/01	13.00	39.90	1040.00			0			13	40
4/24/01	13.00	39.90	1034.00	532.00		0			13	40
4/25/01	28.20	86.54	1023.00			0			28	87
4/26/01	22.40	68.74	1030.00			0			22	69
4/27/01	15.00	46.03	1044.00			0			15	46
4/28/01	21.00	64.45	1018.00			0			21	64
4/29/01	19.00	58.31	1030.00			0			19	58
4/30/01	23.10	70.89	1027.00			0			23	71
5/1/01	23.50	72.12	920.00			0			24	72
5/2/01	14.85	45.57	1030.00			0			15	46
5/3/01	19.70	60.46	1040.00			0			20	60
5/4/01	19.00	58.31	1045.00			0			19	58
5/5/01	17.90	54.93	1036.00			0			18	55
5/6/01	18.70	57.39	1026.00			0			19	57
5/7/01	24.38	74.82	1032.00			0			24	75
5/8/01	23.00	70.58	1037.00	498.00		0			23	71
5/9/01	14.00	42.96	1020.00		30	92	592	1040	44	135
5/10/01	24.50	75.19	1027.00		37.3	114		1043	62	190
5/11/01	22.90	70.28	1007.00		40.2	123		1040	63	194
5/12/01	28.00	85.93	1012.00		45.1	138		1037	73	224
5/13/01	25.00	76.72	1011.00		43	132		1043	68	209
5/14/01	27.00	82.86	1019.00		42.3	130		1048	69	213
5/15/01	26.00	79.79	1018.00	584.00	43.9	135		932	70	215
5/16/01	28.00	85.93	1027.00		39.72	122	564	930	68	208
5/17/01	32.00	98.20			35.96	110		1047	68	209
5/18/01	10.00	30.69			41.1	126		1055	51	157

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
5/19/01	0.00	0.00	1025.00		38.7	119		1058	39	119
5/20/01	0.00	0.00	1026.00		32.7	100		1060	33	100
5/21/01	33.00	101.27	1011.00		26.32	81		1061	59	182
5/22/01	37.00	113.55	1021.00	564.00	14.82	45		1064	52	159
5/23/01	54.90	168.48	1026.00		18.88	58	604	1050	74	226
5/24/01	47.30	145.16	1026.00		18.5	57		1051	66	202
5/25/01	42.40	130.12	1026.00		20.2	62		1055	63	192
5/26/01	46.20	141.78	1014.00		17.9	55		1049	64	197
5/27/01	42.70	131.04	1029.00		20.8	64		1038	64	195
5/28/01	37.00	113.55	1025.00		20.5	63		1050	58	176
5/29/01	29.10	89.30	1031.00	640.00	19.83	61		1043	49	150
5/30/01	28.00	85.93	912.00	564.00	20.51	63		1037	49	149
5/31/01	26.00	79.79	1039.00		9.64	30		1038	36	109
6/1/01	30.50	93.60	1051.00			0			31	94
6/2/01	25.10	77.03	1055.00			0			25	77
6/3/01	19.00	58.31	1070.00			0			19	58
6/4/01	17.00	52.17	1067.00			0			17	52
6/5/01	25.00	76.72	1073.00			0			25	77
6/6/01	35.00	107.41	1065.00	578.00		0			35	107
6/7/01	30.00	92.07	1074.00			0			30	92
6/8/01	37.80	116.00	1076.00			0			38	116
6/9/01	35.30	108.33	1078.00			0			35	108
6/10/01	35.60	109.25	1082.00			0			36	109
6/11/01	29.40	90.23	1089.00			0			29	90
6/12/01	35.00	107.41	1092.00	624.00		0			35	107
6/13/01	28.00	85.93	1099.00			0			28	86
6/14/01	29.00	89.00	1096.00			0			29	89
6/15/01	27.70	85.01	1093.00			0			28	85
6/16/01	4.10	12.58				0			4	13
6/17/01	2.80	8.59				0			3	9
6/18/01	16.00	49.10				0			16	49
6/19/01	28.00	85.93	1115.00			0			28	86
6/20/01	27.00	82.86	1120.00	606.00		0			27	83
6/21/01	25.00	76.72	1130.00			0			25	77
6/22/01	22.00	67.52	1140.00			0			22	68
6/23/01	29.00	89.00	1140.00			0			29	89
6/24/01	35.60	109.25				0			36	109

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
6/25/01	41.00	125.82				0			41	126
6/26/01	30.00	92.07	1130.00	674.00		0			30	92
6/27/01	36.90	113.24				0			37	113
6/28/01	31.40	96.36	1160.00			0			31	96
6/29/01	35.40	108.64	1160.00			0			35	109
6/30/01	6.00	18.41	1140.00			0			6	18
7/1/01		0.00	1155.00			0			0	0
7/2/01	22.00	67.52	1160.00			0			22	68
7/3/01	22.00	67.52	1161.00			0			22	68
7/4/01	24.00	73.65	1160.00	440.00		0			24	74
7/5/01	27.00	82.86	1170.00			0			27	83
7/6/01	28.00	85.93				0			28	86
7/7/01	34.00	104.34	1244.00			0			34	104
7/8/01	32.00	98.20	1204.00			0			32	98
7/9/01	31.00	95.14	1468.00			0			31	95
7/10/01	35.00	107.41	1490.00			0			35	107
7/11/01	32.00	98.20	1409.00	664.00		0			32	98
7/12/01	24.00	73.65	1420.00			0			24	74
7/13/01	19.00	58.31	1370.00			0			19	58
7/14/01	20.00	61.38	1410.00			0			20	61
7/15/01	19.00	58.31	1360.00			0			19	58
7/16/01	25.00	76.72	1600.00			0			25	77
7/17/01	23.00	70.58				0			23	71
7/18/01	25.00	76.72		720.00		0			25	77
7/19/01	23.00	70.58	1441.00			0			23	71
7/20/01	24.00	73.65	1559.00			0			24	74
21-Jul-2001	25	76.72	1597.00			0			25	77
22-Jul-2001	27	82.86	1545.00			0			27	83
23-Jul-2001	29	89.00	1520.00			0			29	89
24-Jul-2001	31	95.14	1500.00	1110		0			31	95
25-Jul-2001	32	98.20	1600.00			0			32	98
26-Jul-2001	31	95.14	1640.00			0			31	95
27-Jul-2001	28	85.93	1782.00			0			28	86
28-Jul-2001	27	82.86	1590.00			0			27	83
29-Jul-2001	20	61.38	1696.00			0			20	61
30-Jul-2001	29	89.00	1599.00			0			29	89
31-Jul-2001	28	85.93	1609.00	1630		0			28	86

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	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
1-Aug-2001	30	92.07	1678.00	1520		0			30	92
2-Aug-2001	31	95.14	1604.00			0			31	95
3-Aug-2001	32	98.20	2670.00			0			32	98
4-Aug-2001	31	95.14	2490.00			0			31	95
5-Aug-2001	30	92.07	1707.00			0			30	92
6-Aug-2001	31	95.14	2630.00			0			31	95
7-Aug-2001	35	107.41	2910.00			0			35	107
8-Aug-2001	26	79.79	2510.00	1610		0			26	80
9-Aug-2001	28	85.93	2420.00			0			28	86
10-Aug-2001	29	89.00	2380.00			0			29	89
11-Aug-2001	24	73.65	2520.00			0			24	74
12-Aug-2001	30	92.07	2850.00			0			30	92
13-Aug-2001	27	82.86	2760.00			0			27	83
14-Aug-2001		0.00				0			0	0
15-Aug-2001		0.00				0			0	0
16-Aug-2001		0.00	2760.00			0			#VALUE!	#VALUE!
17-Aug-2001	30	92.07		1950		0			30	92
18-Aug-2001	26	79.79				0			26	80
19-Aug-2001	28	85.93				0			28	86
20-Aug-2001	31	95.14				0			31	95
21-Aug-2001	27	82.86	2730.00			0			27	83
22-Aug-2001	26	79.79	2390.00	2450		0			26	80
23-Aug-2001	26	79.79	2360.00			0			26	80
24-Aug-2001	26	79.79	2500.00			0			26	80
25-Aug-2001	28	85.93	2840.00			0			28	86
26-Aug-2001	28	85.93	1540.00			0			28	86
27-Aug-2001	30	92.07	1575.00			0			30	92
28-Aug-2001	24	73.65	1450.00			0			24	74
29-Aug-2001	24	73.65	1450.00	1720		0			24	74
30-Aug-2001	24	73.65	1669.00			0			24	74
31-Aug-2001	24	73.65	1600.00			0			24	74
1-Sep-2001	22	67.52	1675.00			0			22	68
2-Sep-2001	16	49.10	1372.00			0			16	49
3-Sep-2001	17	52.17	1295.00			0			17	52
4-Sep-2001	23	70.58	1335.00			0			23	71
5-Sep-2001	22	67.52	1306.00	835		0			22	68
6-Sep-2001	22	67.52	1310.00			0			22	68

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
7-Sep-2001	20	61.38				0			20	61
8-Sep-2001	19	58.31				0			19	58
9-Sep-2001	17	52.17	1296.00			0			17	52
10-Sep-2001	19	58.31	1300.00			0			19	58
11-Sep-2001	18	55.24	1288.00			0			18	55
12-Sep-2001	20	61.38	1279.00	640		0			20	61
13-Sep-2001	18	55.24	1279.00			0			18	55
14-Sep-2001	19	58.31	1288.00			0			19	58
15-Sep-2001	20	61.38				0			20	61
16-Sep-2001	17	52.17		120		0			17	52
9/17/01	7.50	23.02				0			8	23
9/18/01	18.00	55.24				0			18	55
9/19/01	18.10	55.55		712.00		0			18	56
9/20/01	17.10	52.48	1271.00			0			17	52
9/21/01	14.14	43.39	1275.00			0			14	43
9/22/01		0.00	1283.00			0			0	0
9/23/01		0.00	1280.00			0			0	0
9/24/01	16.70	51.25				0			17	51
9/25/01	14.60	44.81	1257.00			0			15	45
9/26/01	11.00	33.76	1265.00	768.00		0			11	34
9/27/01	12.00	36.83	1269.00			0			12	37
9/28/01	13.00	39.90	1286.00			0			13	40
9/29/01	10.00	30.69	1283.00			0			10	31
9/30/01		0.00	1282.00			0			0	0
10/1/01		0.00	1252.00			0			0	0
10/2/01		0.00	1250.00			0			0	0
10/3/01	10.00	30.69	1253.00	802.00		0			10	31
10/4/01	8.00	24.55	1250.00			0			8	25
10/5/01	10.00	30.69				0			10	31
10/6/01	6.00	18.41				0			6	18
10/7/01		0.00	1252.00			0			0	0
10/8/01	10.00	30.69				0			10	31
10/9/01	10.00	30.69	1250.00			0			10	31
10/10/01	10.00	30.69	1250.00	540.00		0			10	31
10/11/01	8.00	24.55	1250.00			0			8	25
10/12/01	9.00	27.62	1220.00			0			9	28
10/13/01	8.00	24.55				0			8	25

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
10/14/01		0.00	1270.00			0			0	0
10/15/01	11.00	33.76	1270.00			0			11	34
10/16/01	4.00	12.28	1256.00			0			4	12
10/17/01	3.00	9.21		694.00		0			3	9
10/18/01	3.00	9.21				0			3	9
10/19/01	5.00	15.34	1258.00			0			5	15
10/20/01	14.00	42.96	1252.00			0			14	43
10/21/01		0.00	1247.00			0			0	0
10/22/01	19.00	58.31				0			19	58
10/23/01	19.00	58.31	1241.00			0			19	58
10/24/01	18.00	55.24	1240.00	700.00		0			18	55
10/25/01	12.00	36.83	1240.00			0			12	37
10/26/01	13.00	39.90	1242.00			0			13	40
10/27/01	5.00	15.34	1244.00			0			5	15
10/28/01		0.00	1244.00			0			0	0
10/29/01	13.00	39.90				0			13	40
10/30/01	17.00	52.17	1238.00			0			17	52
10/31/01	14.00	42.96		680.00		0			14	43
11/1/01	10.00	30.69	1225.00			0			10	31
11/2/01	6.00	18.41	1220.00			0			6	18
11/3/01	10.00	30.69				0			10	31
11/4/01		0.00	1226.00			0			0	0
11/5/01	15.00	46.03	1280.00			0			15	46
11/6/01	12.00	36.83	1220.00			0			12	37
11/7/01	13.00	39.90	1240.00	666.00		0			13	40
11/8/01	10.00	30.69				0			10	31
11/9/01	9.00	27.62				0			9	28
11/10/01	8.00	24.55				0			8	25
11/11/01		0.00	1205.00			0			0	0
11/12/01	4.00	12.28	1212.00			0			4	12
11/13/01		0.00	1228.00			0			0	0
11/14/01		0.00				0			0	0
11/15/01	8.00	24.55	1228.00			0			8	25
11/16/01	9.00	27.62				0			9	28
11/17/01	8.00	24.55				0			8	25
11/18/01		0.00				0			0	0
11/19/01	8.00	24.55				0			8	25

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
11/20/01	9.00	27.62			0				9	28
11/21/01	7.00	21.48		648.00	0				7	21
11/22/01	6.00	18.41	1215.00		0				6	18
11/23/01		0.00			0				0	0
11/24/01		0.00			0				0	0
11/25/01		0.00			0				0	0
11/26/01	5.30	16.27			0				5	16
11/27/01	19.60	60.15			0				20	60
11/28/01	12.75	39.13		596.00	0		1238		13	39
11/29/01		0.00	1244.00		0				0	0
11/30/01	4.30	13.20			0				4	13
12/1/01		0.00			0				0	0
12/2/01		0.00			0				0	0
12/3/01		0.00			0				0	0
12/4/01		0.00	1243.00		0				0	0
12/5/01		0.00			0				0	0
12/6/01		0.00			0				0	0
12/7/01		0.00			0				0	0
12/8/01		0.00			0				0	0
12/9/01		0.00			0				0	0
12/10/01		0.00			0				0	0
12/11/01		0.00	1200.00		0				0	0
12/12/01		0.00			0				0	0
12/13/01		0.00			0				0	0
12/14/01		0.00			0				0	0
12/15/01		0.00			0				0	0
12/16/01		0.00			0				0	0
12/17/01		0.00			0				0	0
12/18/01		0.00			0				0	0
12/19/01		0.00		15.3	47	592	1200		15	47
12/20/01		0.00	1105.00	16.3	50		1192		16	50
12/21/01		0.00		18.3	56		1161		18	56
12/22/01		0.00		19.2	59		1192		19	59
12/23/01		0.00		19.8	61		1144		20	61
12/24/01		0.00		19.7	60		1190		20	60
12/25/01		0.00		20.4	63		1175		20	63
12/26/01		0.00		19.9	61	640	1176		20	61

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
12/27/01		0.00	1102.00		20.3	62		1170	20	62
12/28/01		0.00			12.7	39		1144	13	39
12/29/01		0.00			21.3	65		1159	21	65
12/30/01		0.00			25.2	77		1146	25	77
12/31/01		0.00			38.3	118		1055	38	118
1/1/02		0.00	1119.00		46.72	143		1040	47	143
1/2/02		0.00			52.35	161	514	1150	52	161
1/3/02		0.00			48.12	148		1143	48	148
1/4/02		0.00			39.46	121		1145	39	121
1/5/02		0.00			51.55	158		1130	52	158
1/6/02		0.00			51.25	157		1112	51	157
1/7/02		0.00			12.41	38		1115	12	38
1/8/02		0.00	1107.00			0			0	0
1/9/02		0.00			24.58	75	460	1109	25	75
1/10/02		0.00			33.26	102		1122	33	102
1/11/02		0.00			28.29	87		1110	28	87
1/12/02		0.00			25.2	77		1098	25	77
1/13/02		0.00			23.09	71		1082	23	71
1/14/02		0.00			22.13	68		1100	22	68
1/15/02		0.00	1047.00		19.37	59		1100	19	59
1/16/02		0.00			18.03	55	556	1112	18	55
1/17/02		0.00			19.42	60		1102	19	60
1/18/02		0.00			19.27	59		1083	19	59
1/19/02		0.00			18.15	56		1110	18	56
1/20/02		0.00			15.56	48		1104	16	48
1/21/02		0.00			16.51	51		1080	17	51
1/22/02		0.00			16.74	51		1094	17	51
1/23/02		0.00			16.11	49	312	1085	16	49
1/24/02		0.00			15.03	46		1082	15	46
1/25/02		0.00			14.69	45		1098	15	45
1/26/02		0.00			15.81	49		1042	16	49
1/27/02		0.00			15.29	47		1039	15	47
1/28/02		0.00			15.45	47		1038	15	47
1/29/02		0.00	1012.00		8.09	25		1031	8	25
1/30/02		0.00	1012.00		16.36	50	400	1035	16	50
1/31/02		0.00	996.00		16.85	52		1033	17	52
2/1/02		0.00	995.00		15.92	49		1037	16	49

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
2/2/02		0.00			14.96	46		1033	15	46
2/3/02		0.00	992.00		15.45	47		1039	15	47
2/4/02		0.00	981.00		15.34	47		1032	15	47
2/5/02		0.00	980.00		16.5	51		1032	17	51
2/6/02		0.00	973.00		17.14	53	556	1028	17	53
2/7/02		0.00	967.00		18.44	57		1023	18	57
2/8/02		0.00	980.00		17.4	53		1023	17	53
2/9/02		0.00			14.07	43		1019	14	43
2/10/02		0.00	987.00		15.48	48		1023	15	48
2/11/02	10.00	30.69	994.00		14.77	45		1015	25	76
2/12/02	12.00	36.83	993.00		15.55	48		1017	28	85
2/13/02	11.00	33.76	990.00	448.00	16.46	51	520	1018	27	84
2/14/02	11.00	33.76			12.04	37		1018	23	71
2/15/02	9.00	27.62			13.93	43		1005	23	70
2/16/02	8.00	24.55	990.00		16.12	49		1019	24	74
2/17/02		0.00	988.00		15.6	48		1080	16	48
2/18/02	2.00	6.14	992.00		15.85	49		1016	18	55
2/19/02	7.00	21.48	991.00		17.17	53		1030	24	74
2/20/02	10.00	30.69	982.00	448.00	16.1	49	508	999	26	80
2/21/02	12.00	36.83	978.00		15.8	48		1004	28	85
2/22/02	12.00	36.83	998.00		10.86	33		1028	23	70
2/23/02	5.00	15.34	992.00		16.2	50		1008	21	65
2/24/02		0.00	986.00		15.82	49		1013	16	49
2/25/02	8.00	24.55	995.00		16.64	51		1023	25	76
2/26/02	7.00	21.48	978.00		17.17	53		1000	24	74
2/27/02	9.00	27.62	974.00	588.00	16.3	50	664	1004	25	78
2/28/02	9.00	27.62	977.00		16.4	50		1005	25	78
3/1/02	7.00	21.48	977.00		16.3	50		1006	23	72
3/2/02	11.00	33.76	974.00		13.8	42		1008	25	76
3/3/02	8.00	24.55	964.00		15.9	49		1007	24	73
3/4/02	10.00	30.69	956.00		16.82	52		1013	27	82
3/5/02	10.00	30.69	953.00		18.03	55		1008	28	86
3/6/02	9.00	27.62	953.00	464.00	18.4	56	654	1002	27	84
3/7/02	11.00	33.76	957.00		19.4	60		1003	30	93
3/8/02	10.00	30.69	977.00		19.5	60		998	30	91
3/9/02	9.00	27.62	953.00		20.13	62		1008	29	89
3/10/02	7.00	21.48	937.00		20.64	63		1002	28	85

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
3/11/02	9.00	27.62	936.00		21.1	65		1004	30	92
3/12/02	7.00	21.48	942.00		20.62	63		1000	28	85
3/13/02	8.00	24.55	937.00	977.00	19.3	59	608	998	27	84
3/14/02	9.00	27.62	931.00		18.48	57		1002	27	84
3/15/02	8.00	24.55			17.18	53		997	25	77
3/16/02	7.00	21.48			16.82	52		1001	24	73
3/17/02	2.00	6.14			15.74	48		1002	18	54
3/18/02	7.00	21.48			17.7	54		1000	25	76
3/19/02	7.00	21.48	905.00		16.79	52		997	24	73
3/20/02	9.00	27.62	933.00	548.00	17.7	54	364	941	27	82
3/21/02	18.80	57.69	927.00		11.11	34		1000	30	92
3/22/02	12.10	37.13	920.00		17.94	55		990	30	92
3/23/02	6.60	20.25	922.00		20.8	64		996	27	84
3/24/02	13.60	41.74	929.00		16.9	52		992	31	94
3/25/02	15.00	46.03	921.00		15.79	48		992	31	94
3/26/02	15.00	46.03	919.00		18.1	56		982	33	102
3/27/02	15.00	46.03	919.00	784.00	17.38	53	484	991	32	99
3/28/02	14.00	42.96	915.00		14.97	46		984	29	89
3/29/02	14.00	42.96	921.00		15	46		996	29	89
3/30/02		0.00	918.00		15.11	46		987	15	46
3/31/02		0.00	919.00		14.57	45		989	15	45
4/1/02	26.00	79.79	932.00		14.3	44		987	40	124
4/2/02	23.00	70.58	949.00		11.24	34		995	34	105
4/3/02	22.00	67.52	986.00	668.00	12.85	39		993	35	107
4/4/02	22.93	70.37	1008.00		10.86	33		989	34	104
4/5/02	23.77	72.95	982.00		11.23	34		996	35	107
4/6/02	27.73	85.10	989.00		10.88	33		994	39	118
4/7/02	21.49	65.95	963.00		10.69	33		996	32	99
4/8/02	19.00	58.31	973.00		13.89	43		995	33	101
4/9/02	19.00	58.31	964.00		13.68	42		996	33	100
4/10/02	20.26	62.18	989.00	608.00	11.91	37		993	32	99
4/11/02	23.39	71.78	1003.00		8.72	27		989	32	99
4/12/02	21.20	65.06	997.00		12.74	39		995	34	104
4/13/02	21.00	64.45	1000.00		12.93	40		991	34	104
4/14/02		0.00	993.00		12	37		992	12	37
4/15/02	15.00	46.03	1000.00		11.9	37		1003	27	83
4/16/02	17.00	52.17			14.49	44		1004	31	97

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
4/17/02	16.00	49.10		552.00	13.46	41		997	29	90
4/18/02	16.00	49.10	1009.00		9	28		1004	25	77
4/19/02	18.00	55.24	1004.00		15.93	49		985	34	104
4/20/02	19.00	58.31	1002.00		14.6	45		1008	34	103
4/21/02	19.32	59.29	1012.00		14.9	46		1014	34	105
4/22/02	14.80	45.42			16.32	50		1008	31	96
4/23/02	16.26	49.90	1008.00		17.27	53		1012	34	103
4/24/02	14.00	42.96	1033.00	586.00	16.4	50		1012	30	93
4/25/02	12.00	36.83	1042.00		17.18	53		1015	29	90
4/26/02	17.00	52.17	1047.00		15.57	48		1009	33	100
4/27/02	18.00	55.24	1058.00		16.32	50		1019	34	105
4/28/02	19.80	60.76	1059.00		16.18	50		1014	36	110
4/29/02	20.35	62.45	1065.00		15.43	47		1020	36	110
4/30/02	16.00	49.10	1046.00		16.78	51		1019	33	101
5/1/02	14.00	42.96	1047.00	552.00	17.71	54		1020	32	97
5/2/02	18.00	55.24	1072.00		21.78	67		1015	40	122
5/3/02	15.00	46.03	1089.00		29.59	91		1020	45	137
5/4/02	15.00	46.03	1093.00		32.06	98		1019	47	144
5/5/02	0.00	1091.00			36.87	113		1021	37	113
5/6/02	25.00	76.72	1096.00		37.59	115		1024	63	192
5/7/02	18.00	55.24	1098.00		36.39	112		1022	54	167
5/8/02	19.05	58.46	1103.00	612.00	33.18	102		1025	52	160
5/9/02	19.30	59.23	1081.00		13.62	42		1019	33	101
5/10/02	20.10	61.68	1020.00		11.7	36		1022	32	98
5/11/02	18.10	55.55	1016.00		0			1019	18	56
5/12/02	20.00	61.38	1019.00		0				20	61
5/13/02	20.00	61.38	1016.00		0				20	61
5/14/02	16.00	49.10	1026.00							
5/15/02	16.00	49.10	1060.00	588.00						
5/16/02	14.00	42.96	1045.00							
5/17/02	17.00	52.17								
5/18/02	16.00	49.10								
5/19/02	16.00	49.10	1087.00							
5/20/02	18.00	55.24	1073.00							
5/21/02	18.80	57.69	1061.00							
5/22/02	25.70	78.87	1058.00	506.00						
5/23/02	24.30	74.57	1072.00							

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
5/24/02	28.00	85.93	1096.00							
5/25/02	26.00	79.79	1107.00							
5/26/02	24.00	73.65	1100.00							
5/27/02	26.00	79.79	1131.00							
5/28/02	26.00	79.79	1115.00							
5/29/02	26.00	79.79	1092.00	460.00						
5/30/02	29.40	90.23	1109.00							
5/31/02	27.80	85.31	1109.00							
6/1/02	21.80	66.90	1121.00							
6/2/02	15.00	46.03	1119.00							
6/3/02	33.00	101.27	1119.00							
6/4/02	38.00	116.62	1125.00							
6/5/02	34.00	104.34	1129.00	760.00						
6/6/02	41.00	125.82	1139.00							
6/7/02	21.00	64.45	1122.00							
6/8/02	27.00	82.86	1144.00							
6/9/02	28.00	85.93	1145.00							
6/10/02	34.00	104.34	1129.00							
6/11/02	34.00	104.34	1138.00							
6/12/02	40.80	125.21	1144.00	660.00						
6/13/02	36.60	112.32	1146.00							
6/14/02	28.10	86.24	1113.00							
6/15/02	34.70	106.49	1117.00							
6/16/02	30.00	92.07								
6/17/02	20.00	61.38								
6/18/02	29.00	89.00	1116.00							
6/19/02	35.10	107.72	1101.00	652.00						
6/20/02	39.20	120.30	1077.00							
6/21/02	29.50	90.53	1073.00							
6/22/02	34.00	104.34								
6/23/02	35.00	107.41								
6/24/02	30.00	92.07								
6/25/02	30.00	92.07	1085.00							
6/26/02	35.00	107.41	1096.00	624.00						
6/27/02	32.30	99.12	1220.00							
6/28/02	39.60	121.53	1157.00							
6/29/02	30.90	94.83	1389.00							

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
6/30/02	33.00	101.27	1280.00							
7/1/02	36.00	110.48	1438.00							
7/2/02	33.00	101.27	1454.00							
7/3/02	36.00	110.48	1520.00	352.00						
7/4/02	22.50	69.05	1518.00							
7/5/02		0.00	1510.00							
7/6/02		0.00	1480.00							
7/7/02		0.00	1563.00							
7/8/02	28.00	85.93	1659.00							
7/9/02	27.00	82.86	1623.00							
10-Jul-2002	36	110.48	1556.00	672						
11-Jul-2002	39	119.69	1483.00							
12-Jul-2002	37	113.55	1371.00							
13-Jul-2002	35	107.41	1447.00							
14-Jul-2002	35	107.41	1564.00							
15-Jul-2002	34	104.34								
16-Jul-2002	30	92.07	1590.00							
17-Jul-2002	24	73.65		1125						
18-Jul-2002	27	82.86								
19-Jul-2002	32	98.20	1636.00							
20-Jul-2002	32	98.20	1860.00							
21-Jul-2002	30	92.07	1541.00							
22-Jul-2002	31	95.14	1507.00							
23-Jul-2002	28	85.93	1413.00							
24-Jul-2002	26	79.79	1469.00	1740						
25-Jul-2002	30	92.07	1586.00							
26-Jul-2002	33	101.27	1495.00							
27-Jul-2002	35	107.41	1640.00							
28-Jul-2002	31	95.14	1482.00							
29-Jul-2002	27	82.86	1640.00							
30-Jul-2002	32	98.20	1580.00							
31-Jul-2002	28	85.93	1578.00	1554						
1-Aug-2002	26	79.79	1580.00							
2-Aug-2002	30	92.07	1531.00							
3-Aug-2002	29	89.00	1725.00							
4-Aug-2002	25	76.72	1597.00							
5-Aug-2002	27	82.86	1430.00							

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
6-Aug-2002	28	85.93	1547.00							
7-Aug-2002	28	85.93	1611.00	1840						
8-Aug-2002	27	82.86	1555.00							
9-Aug-2002	29	89.00	1524.00							
10-Aug-2002	32	98.20	1688.00							
11-Aug-2002	27	82.86	1598.00							
12-Aug-2002	31	95.14	1663.00							
13-Aug-2002	30	92.07	1595.00							
14-Aug-2002	35	107.41	1660.00	1490						
15-Aug-2002	30	92.07	1621.00							
16-Aug-2002	30	92.07	1630.00							
17-Aug-2002	32	98.20								
18-Aug-2002	27	82.86								
19-Aug-2002	27	82.86	1486.00							
20-Aug-2002	30	92.07	1394.00							
21-Aug-2002	29	89.00	1593.00	1820						
22-Aug-2002	34	104.34	1518.00							
23-Aug-2002	27	82.86	1603.00							
24-Aug-2002	31	95.14	1555.00							
25-Aug-2002	29	89.00	1543.00							
26-Aug-2002	26	79.79	1750.00							
27-Aug-2002	24	73.65	1580.00							
28-Aug-2002	28	85.93	1583.00	1760						
29-Aug-2002	29	89.00	1657.00							
30-Aug-2002	28	85.93	1660.00							
31-Aug-2002	29	89.00	1536.00							
1-Sep-2002	28	85.93	1470.00							
2-Sep-2002	30	92.07	1420.00							
3-Sep-2002	26	79.79	1572.00							
4-Sep-2002	27	82.86	1433.00							
5-Sep-2002	26	79.79	1425.00							
6-Sep-2002	26	79.79	1484.00							
7-Sep-2002	27	82.86	1480.00							
8-Sep-2002	18	55.24	1468.00							
9-Sep-2002	27	82.86	1501.00							
10-Sep-2002	23	70.58	1769.00							
11-Sep-2002	26	79.79								

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
12-Sep-2002	24	73.65								
13-Sep-2002	25	76.72								
14-Sep-2002	18	55.24								
15-Sep-2002	16	49.10								
16-Sep-2002	19	58.31								
17-Sep-2002	21	64.45								
18-Sep-2002	21	64.45								
19-Sep-2002	19	58.31								
20-Sep-2002	21	64.45								
21-Sep-2002	14	42.96								
22-Sep-2002	15	46.03								
23-Sep-2002	18	55.24								
24-Sep-2002	18	55.24	1124.00							
25-Sep-2002	16	49.10	1117.00							
26-Sep-2002	12	36.83	1119.00							
9/27/02		0.00	1128.00							
9/28/02		0.00	1124.00							
9/29/02		0.00	1163.00							
9/30/02		0.00								
10/1/02		0.00	1076.00							
10/2/02		0.00	1121.00							
10/3/02		0.00								
10/4/02		0.00	1136.00							
10/5/02		0.00								
10/6/02		0.00	1091.00							
10/7/02	2.00	6.14	1041.00							
10/8/02	8.00	24.55	1187.00							
10/9/02	8.00	24.55	1195.00	592.00						
10/10/02	12.00	36.83	1200.00							
10/11/02	12.00	36.83	1183.00							
10/12/02	11.00	33.76	1184.00							
10/13/02		0.00	1191.00							
10/14/02	14.00	42.96	1178.00							
10/15/02	12.00	36.83	1121.00							
10/16/02	7.00	21.48	1081.00	664.00						
10/17/02	15.40	47.26								
10/18/02	16.70	51.25								

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
10/19/02	7.00	21.48								
10/20/02		0.00	1104.00							
10/21/02	21.10	64.75	1079.00							
10/22/02	21.00	64.45	1024.00							
10/23/02	10.90	33.45	1082.00	600.00						
10/24/02	18.00	55.24	1148.00							
10/25/02	21.00	64.45	1186.00							
10/26/02	22.00	67.52	1137.00							
10/27/02	10.70	32.84	1129.00							
10/28/02	25.20	77.34								
10/29/02	24.50	75.19								
10/30/02	18.40	56.47		724.00						
10/31/02	25.30	77.64	1128.00							
11/1/02	26.70	81.94	1114.00							
11/2/02	38.50	118.15	1077.00							
11/3/02	30.20	92.68	1020.00							
11/4/02	15.00	46.03	1028.00							
11/5/02	17.00	52.17	1022.00							
11/6/02	14.00	42.96	1037.00							
11/7/02		0.00	1009.00							
11/8/02		0.00	1019.00							
11/9/02		0.00	1026.00							
11/10/02		0.00	1037.00							
11/11/02		0.00	1033.00							
11/12/02		0.00	1007.00							
11/13/02	4.00	12.28	1005.00							
11/14/02	10.00	30.69	1007.00							
11/15/02	9.00	27.62	1025.00							
11/16/02	7.00	21.48								
11/17/02	7.00	21.48								
11/18/02	6.00	18.41								
11/19/02	4.00	12.28	1018.00							
11/20/02	4.00	12.28	1003.00							
11/21/02	6.00	18.41	1107.00							
11/22/02	8.00	24.55	1007.00							
11/23/02	5.00	15.34								
11/24/02	5.00	15.34								

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Attachment 4: City of Modesto Wastewater Discharge Monitoring (1995-2002)										
	Discharge to Land				Discharge to the SJR					
Date	Flow (mgd)	acre-ft	EC (uS/cm)	TDS (mg/L)	Flow (mgd)	Flow (acre-ft)	TDS (mg/L)	EC (uS/cm)	Total Effluent (mgd)	Total Effluent (acre-ft)
11/25/02	9.00	27.62								
11/26/02	13.00	39.90								
11/27/02	9.00	27.62								
11/28/02		0.00	1003.00							
11/29/02		0.00	991.00							
11/30/02		0.00								
12/1/02		0.00								
12/2/02	4.00	12.28								
12/3/02	7.00	21.48	948.00							
12/4/02	9.00	27.62		628.00						
12/5/02	7.00	21.48								
12/6/02		0.00								
12/7/02		0.00								
12/8/02		0.00								
12/9/02		0.00								
12/10/02		0.00	978.00							
12/11/02	11.00	33.76		612.00						
12/12/02	6.00	18.41								

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
1-Jan-1995	9.25	28	538	713
2-Jan-1995				
3-Jan-1995				
4-Jan-1995				
5-Jan-1995				
6-Jan-1995				
7-Jan-1995				
8-Jan-1995				
9-Jan-1995				
10-Jan-1995				
11-Jan-1995				
12-Jan-1995				
13-Jan-1995				
14-Jan-1995				
15-Jan-1995				
16-Jan-1995				
17-Jan-1995				
18-Jan-1995				
19-Jan-1995				
20-Jan-1995				
21-Jan-1995				
22-Jan-1995				
23-Jan-1995				
24-Jan-1995				
25-Jan-1995				
26-Jan-1995				
27-Jan-1995				
28-Jan-1995				
29-Jan-1995				
30-Jan-1995				
31-Jan-1995				
1-Feb-1995	7.82	24	577	741
2-Feb-1995				
3-Feb-1995				
4-Feb-1995				
5-Feb-1995				
6-Feb-1995				
7-Feb-1995				
8-Feb-1995				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
9-Feb-1995				
10-Feb-1995				
11-Feb-1995				
12-Feb-1995				
13-Feb-1995				
14-Feb-1995				
15-Feb-1995				
16-Feb-1995				
17-Feb-1995				
18-Feb-1995				
19-Feb-1995				
20-Feb-1995				
21-Feb-1995				
22-Feb-1995				
23-Feb-1995				
24-Feb-1995				
25-Feb-1995				
26-Feb-1995				
27-Feb-1995				
28-Feb-1995				
1-Mar-1995	9.40	29	534	688
2-Mar-1995				
3-Mar-1995				
4-Mar-1995				
5-Mar-1995				
6-Mar-1995				
7-Mar-1995				
8-Mar-1995				
9-Mar-1995				
10-Mar-1995				
11-Mar-1995				
12-Mar-1995				
13-Mar-1995				
14-Mar-1995				
15-Mar-1995				
16-Mar-1995				
17-Mar-1995				
18-Mar-1995				
19-Mar-1995				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
20-Mar-1995				
21-Mar-1995				
22-Mar-1995				
23-Mar-1995				
24-Mar-1995				
25-Mar-1995				
26-Mar-1995				
27-Mar-1995				
28-Mar-1995				
29-Mar-1995				
30-Mar-1995				
31-Mar-1995				
1-Apr-1995	8.29	25	605	869
2-Apr-1995				
3-Apr-1995				
4-Apr-1995				
5-Apr-1995				
6-Apr-1995				
7-Apr-1995				
8-Apr-1995				
9-Apr-1995				
10-Apr-1995				
11-Apr-1995				
12-Apr-1995				
13-Apr-1995				
14-Apr-1995				
15-Apr-1995				
16-Apr-1995				
17-Apr-1995				
18-Apr-1995				
19-Apr-1995				
20-Apr-1995				
21-Apr-1995				
22-Apr-1995				
23-Apr-1995				
24-Apr-1995				
25-Apr-1995				
26-Apr-1995				
27-Apr-1995				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
28-Apr-1995				
29-Apr-1995				
30-Apr-1995				
1-May-1995	8.64	27	595	855
2-May-1995				
3-May-1995				
4-May-1995				
5-May-1995				
6-May-1995				
7-May-1995				
8-May-1995				
9-May-1995				
10-May-1995				
11-May-1995				
12-May-1995				
13-May-1995				
14-May-1995				
15-May-1995				
16-May-1995				
17-May-1995				
18-May-1995				
19-May-1995				
20-May-1995				
21-May-1995				
22-May-1995				
23-May-1995				
24-May-1995				
25-May-1995				
26-May-1995				
27-May-1995				
28-May-1995				
29-May-1995				
30-May-1995				
31-May-1995				
1-Jun-1995	8.39	26	610	852
2-Jun-1995				
3-Jun-1995				
4-Jun-1995				
5-Jun-1995				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
6-Jun-1995				
7-Jun-1995				
8-Jun-1995				
9-Jun-1995				
10-Jun-1995				
11-Jun-1995				
12-Jun-1995				
13-Jun-1995				
14-Jun-1995				
15-Jun-1995				
16-Jun-1995				
17-Jun-1995				
18-Jun-1995				
19-Jun-1995				
20-Jun-1995				
21-Jun-1995				
22-Jun-1995				
23-Jun-1995				
24-Jun-1995				
25-Jun-1995				
26-Jun-1995				
27-Jun-1995				
28-Jun-1995				
29-Jun-1995				
30-Jun-1995				
1-Jul-1995	8.32	26	564	803
2-Jul-1995				
3-Jul-1995				
4-Jul-1995				
5-Jul-1995				
6-Jul-1995				
7-Jul-1995				
8-Jul-1995				
9-Jul-1995				
10-Jul-1995				
11-Jul-1995				
12-Jul-1995				
13-Jul-1995				
14-Jul-1995				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
15-Jul-1995				
16-Jul-1995				
17-Jul-1995				
18-Jul-1995				
19-Jul-1995				
20-Jul-1995				
21-Jul-1995				
22-Jul-1995				
23-Jul-1995				
24-Jul-1995				
25-Jul-1995				
26-Jul-1995				
27-Jul-1995				
28-Jul-1995				
29-Jul-1995				
30-Jul-1995				
31-Jul-1995				
1-Aug-1995	8.20	25	644	814
2-Aug-1995				
3-Aug-1995				
4-Aug-1995				
5-Aug-1995				
6-Aug-1995				
7-Aug-1995				
8-Aug-1995				
9-Aug-1995				
10-Aug-1995				
11-Aug-1995				
12-Aug-1995				
13-Aug-1995				
14-Aug-1995				
15-Aug-1995				
16-Aug-1995				
17-Aug-1995				
18-Aug-1995				
19-Aug-1995				
20-Aug-1995				
21-Aug-1995				
22-Aug-1995				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
23-Aug-1995				
24-Aug-1995				
25-Aug-1995				
26-Aug-1995				
27-Aug-1995				
28-Aug-1995				
29-Aug-1995				
30-Aug-1995				
31-Aug-1995				
1-Sep-1995	8.57	26	579	780
2-Sep-1995				
3-Sep-1995				
4-Sep-1995				
5-Sep-1995				
6-Sep-1995				
7-Sep-1995				
8-Sep-1995				
9-Sep-1995				
10-Sep-1995				
11-Sep-1995				
12-Sep-1995				
13-Sep-1995				
14-Sep-1995				
15-Sep-1995				
16-Sep-1995				
17-Sep-1995				
18-Sep-1995				
19-Sep-1995				
20-Sep-1995				
21-Sep-1995				
22-Sep-1995				
23-Sep-1995				
24-Sep-1995				
25-Sep-1995				
26-Sep-1995				
27-Sep-1995				
28-Sep-1995				
29-Sep-1995				
30-Sep-1995				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
1-Oct-1995	7.85	24	603	797
2-Oct-1995				
3-Oct-1995				
4-Oct-1995				
5-Oct-1995				
6-Oct-1995				
7-Oct-1995				
8-Oct-1995				
9-Oct-1995				
10-Oct-1995				
11-Oct-1995				
12-Oct-1995				
13-Oct-1995				
14-Oct-1995				
15-Oct-1995				
16-Oct-1995				
17-Oct-1995				
18-Oct-1995				
19-Oct-1995				
20-Oct-1995				
21-Oct-1995				
22-Oct-1995				
23-Oct-1995				
24-Oct-1995				
25-Oct-1995				
26-Oct-1995				
27-Oct-1995				
28-Oct-1995				
29-Oct-1995				
30-Oct-1995				
31-Oct-1995				
1-Nov-1995	8.39	26	614	758
2-Nov-1995				
3-Nov-1995				
4-Nov-1995				
5-Nov-1995				
6-Nov-1995				
7-Nov-1995				
8-Nov-1995				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
9-Nov-1995				
10-Nov-1995				
11-Nov-1995				
12-Nov-1995				
13-Nov-1995				
14-Nov-1995				
15-Nov-1995				
16-Nov-1995				
17-Nov-1995				
18-Nov-1995				
19-Nov-1995				
20-Nov-1995				
21-Nov-1995				
22-Nov-1995				
23-Nov-1995				
24-Nov-1995				
25-Nov-1995				
26-Nov-1995				
27-Nov-1995				
28-Nov-1995				
29-Nov-1995				
30-Nov-1995				
1-Dec-1995				
2-Dec-1995				
3-Dec-1995				
4-Dec-1995				
5-Dec-1995				
6-Dec-1995				
7-Dec-1995				
8-Dec-1995				
9-Dec-1995				
10-Dec-1995				
11-Dec-1995				
12-Dec-1995				
13-Dec-1995				
14-Dec-1995				
15-Dec-1995				
16-Dec-1995				
17-Dec-1995				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
18-Dec-1995				
19-Dec-1995				
20-Dec-1995				
21-Dec-1995				
22-Dec-1995				
23-Dec-1995				
24-Dec-1995				
25-Dec-1995				
26-Dec-1995				
27-Dec-1995				
28-Dec-1995				
29-Dec-1995				
30-Dec-1995				
31-Dec-1995				
1-Jan-1996				
2-Jan-1996				
3-Jan-1996				
4-Jan-1996				
5-Jan-1996				
6-Jan-1996				
7-Jan-1996				
8-Jan-1996				
9-Jan-1996				
10-Jan-1996				
11-Jan-1996				
12-Jan-1996				
13-Jan-1996				
14-Jan-1996				
15-Jan-1996				
16-Jan-1996				
17-Jan-1996				
18-Jan-1996				
19-Jan-1996				
20-Jan-1996				
21-Jan-1996				
22-Jan-1996				
23-Jan-1996				
24-Jan-1996				
25-Jan-1996				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
26-Jan-1996				
27-Jan-1996				
28-Jan-1996				
29-Jan-1996				
30-Jan-1996				
31-Jan-1996				
1-Feb-1996				
2-Feb-1996				
3-Feb-1996				
4-Feb-1996				
5-Feb-1996				
6-Feb-1996				
7-Feb-1996				
8-Feb-1996				
9-Feb-1996				
10-Feb-1996				
11-Feb-1996				
12-Feb-1996				
13-Feb-1996				
14-Feb-1996				
15-Feb-1996				
16-Feb-1996				
17-Feb-1996				
18-Feb-1996				
19-Feb-1996				
20-Feb-1996				
21-Feb-1996				
22-Feb-1996				
23-Feb-1996				
24-Feb-1996				
25-Feb-1996				
26-Feb-1996				
27-Feb-1996				
28-Feb-1996				
29-Feb-1996				
1-Mar-1996				
2-Mar-1996				
3-Mar-1996				
4-Mar-1996				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
5-Mar-1996				
6-Mar-1996				
7-Mar-1996				
8-Mar-1996				
9-Mar-1996				
10-Mar-1996				
11-Mar-1996				
12-Mar-1996				
13-Mar-1996				
14-Mar-1996				
15-Mar-1996				
16-Mar-1996				
17-Mar-1996				
18-Mar-1996				
19-Mar-1996				
20-Mar-1996				
21-Mar-1996				
22-Mar-1996				
23-Mar-1996				
24-Mar-1996				
25-Mar-1996				
26-Mar-1996				
27-Mar-1996				
28-Mar-1996				
29-Mar-1996				
30-Mar-1996				
31-Mar-1996				
1-Apr-1996				
2-Apr-1996				
3-Apr-1996				
4-Apr-1996				
5-Apr-1996				
6-Apr-1996				
7-Apr-1996				
8-Apr-1996				
9-Apr-1996				
10-Apr-1996				
11-Apr-1996				
12-Apr-1996				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
13-Apr-1996				
14-Apr-1996				
15-Apr-1996				
16-Apr-1996				
17-Apr-1996				
18-Apr-1996				
19-Apr-1996				
20-Apr-1996				
21-Apr-1996				
22-Apr-1996				
23-Apr-1996				
24-Apr-1996				
25-Apr-1996				
26-Apr-1996				
27-Apr-1996				
28-Apr-1996				
29-Apr-1996				
30-Apr-1996				
1-May-1996				
2-May-1996				
3-May-1996				
4-May-1996				
5-May-1996				
6-May-1996				
7-May-1996				
8-May-1996				
9-May-1996				
10-May-1996				
11-May-1996				
12-May-1996				
13-May-1996				
14-May-1996				
15-May-1996				
16-May-1996				
17-May-1996				
18-May-1996				
19-May-1996				
20-May-1996				
21-May-1996				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
22-May-1996				
23-May-1996				
24-May-1996				
25-May-1996				
26-May-1996				
27-May-1996				
28-May-1996				
29-May-1996				
30-May-1996				
31-May-1996				
1-Jun-1996				
2-Jun-1996				
3-Jun-1996				
4-Jun-1996				
5-Jun-1996				
6-Jun-1996				
7-Jun-1996				
8-Jun-1996				
9-Jun-1996				
10-Jun-1996				
11-Jun-1996				
12-Jun-1996				
13-Jun-1996				
14-Jun-1996				
15-Jun-1996				
16-Jun-1996				
17-Jun-1996				
18-Jun-1996				
19-Jun-1996				
20-Jun-1996				
21-Jun-1996				
22-Jun-1996				
23-Jun-1996				
24-Jun-1996				
25-Jun-1996				
26-Jun-1996				
27-Jun-1996				
28-Jun-1996				
29-Jun-1996				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
30-Jun-1996				
1-Jul-1996				
2-Jul-1996				
3-Jul-1996				
4-Jul-1996				
5-Jul-1996				
6-Jul-1996				
7-Jul-1996				
8-Jul-1996				
9-Jul-1996				
10-Jul-1996				
11-Jul-1996				
12-Jul-1996				
13-Jul-1996				
14-Jul-1996				
15-Jul-1996				
16-Jul-1996				
17-Jul-1996				
18-Jul-1996				
19-Jul-1996				
20-Jul-1996				
21-Jul-1996				
22-Jul-1996				
23-Jul-1996				
24-Jul-1996				
25-Jul-1996				
26-Jul-1996				
27-Jul-1996				
28-Jul-1996				
29-Jul-1996				
30-Jul-1996				
31-Jul-1996				
1-Aug-1996				
2-Aug-1996				
3-Aug-1996				
4-Aug-1996				
5-Aug-1996				
6-Aug-1996				
7-Aug-1996				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
8-Aug-1996				
9-Aug-1996				
10-Aug-1996				
11-Aug-1996				
12-Aug-1996				
13-Aug-1996				
14-Aug-1996				
15-Aug-1996				
16-Aug-1996				
17-Aug-1996				
18-Aug-1996				
19-Aug-1996				
20-Aug-1996				
21-Aug-1996				
22-Aug-1996				
23-Aug-1996				
24-Aug-1996				
25-Aug-1996				
26-Aug-1996				
27-Aug-1996				
28-Aug-1996				
29-Aug-1996				
30-Aug-1996				
31-Aug-1996				
1-Sep-1996				
2-Sep-1996				
3-Sep-1996				
4-Sep-1996				
5-Sep-1996				
6-Sep-1996				
7-Sep-1996				
8-Sep-1996				
9-Sep-1996				
10-Sep-1996				
11-Sep-1996				
12-Sep-1996				
13-Sep-1996				
14-Sep-1996				
15-Sep-1996				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
16-Sep-1996				
17-Sep-1996				
18-Sep-1996				
19-Sep-1996				
20-Sep-1996				
21-Sep-1996				
22-Sep-1996				
23-Sep-1996				
24-Sep-1996				
25-Sep-1996				
26-Sep-1996				
27-Sep-1996				
28-Sep-1996				
29-Sep-1996				
30-Sep-1996				
1-Oct-1996				
2-Oct-1996				
3-Oct-1996				
4-Oct-1996				
5-Oct-1996				
6-Oct-1996				
7-Oct-1996				
8-Oct-1996				
9-Oct-1996				
10-Oct-1996				
11-Oct-1996				
12-Oct-1996				
13-Oct-1996				
14-Oct-1996				
15-Oct-1996				
16-Oct-1996				
17-Oct-1996				
18-Oct-1996				
19-Oct-1996				
20-Oct-1996				
21-Oct-1996				
22-Oct-1996				
23-Oct-1996				
24-Oct-1996				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
25-Oct-1996				
26-Oct-1996				
27-Oct-1996				
28-Oct-1996				
29-Oct-1996				
30-Oct-1996				
31-Oct-1996				
1-Nov-1996				
2-Nov-1996				
3-Nov-1996				
4-Nov-1996				
5-Nov-1996				
6-Nov-1996				
7-Nov-1996				
8-Nov-1996				
9-Nov-1996				
10-Nov-1996				
11-Nov-1996				
12-Nov-1996				
13-Nov-1996				
14-Nov-1996				
15-Nov-1996				
16-Nov-1996				
17-Nov-1996				
18-Nov-1996				
19-Nov-1996				
20-Nov-1996				
21-Nov-1996				
22-Nov-1996				
23-Nov-1996				
24-Nov-1996				
25-Nov-1996				
26-Nov-1996				
27-Nov-1996				
28-Nov-1996				
29-Nov-1996				
30-Nov-1996				
1-Dec-1996				
2-Dec-1996				

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
3-Dec-1996				
4-Dec-1996				
5-Dec-1996				
6-Dec-1996				
7-Dec-1996				
8-Dec-1996				
9-Dec-1996				
10-Dec-1996				
11-Dec-1996				
12-Dec-1996				
13-Dec-1996				
14-Dec-1996				
15-Dec-1996				
16-Dec-1996				
17-Dec-1996				
18-Dec-1996				
19-Dec-1996				
20-Dec-1996				
21-Dec-1996				
22-Dec-1996				
23-Dec-1996				
24-Dec-1996				
25-Dec-1996				
26-Dec-1996				
27-Dec-1996				
28-Dec-1996				
29-Dec-1996				
30-Dec-1996				
31-Dec-1996				
1-Jan-1997	8.10	25		776
2-Jan-1997	10.90	33		710
3-Jan-1997	12.40	38		
4-Jan-1997	10.30	32		
5-Jan-1997	9.00	28		799
6-Jan-1997	10.80	33	498	847
7-Jan-1997	10.30	32		874
8-Jan-1997	9.60	29		819
9-Jan-1997	9.50	29		817
10-Jan-1997	10.90	33		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
11-Jan-1997	7.30	22		
12-Jan-1997	8.10	25		860
13-Jan-1997	9.00	28	480	950
14-Jan-1997	9.00	28		880
15-Jan-1997	9.00	28		775
16-Jan-1997	10.00	31		797
17-Jan-1997	9.80	30		
18-Jan-1997	9.00	28		
19-Jan-1997	8.10	25		
20-Jan-1997	11.60	36		852
21-Jan-1997	12.00	37		790
22-Jan-1997	12.60	39	508	774
23-Jan-1997	12.80	39		592
24-Jan-1997	13.10	40		
25-Jan-1997	10.50	32		
26-Jan-1997	10.40	32		623
27-Jan-1997	11.80	36	416	637
28-Jan-1997	7.10	22		777
29-Jan-1997	14.40	44		750
30-Jan-1997	10.80	33		793
31-Jan-1997	8.60	26		
1-Feb-1997	9.80	30		
2-Feb-1997	7.00	21		947
3-Feb-1997	10.40	32	560	926
4-Feb-1997	8.30	25		861
5-Feb-1997	11.10	34		838
6-Feb-1997	10.30	32		812
7-Feb-1997	10.20	31		
8-Feb-1997	7.70	24		
9-Feb-1997	7.20	22		810
10-Feb-1997	10.20	31	506	802
11-Feb-1997	9.70	30		830
12-Feb-1997	11.00	34		859
13-Feb-1997	9.50	29		944
14-Feb-1997	12.00	37		
15-Feb-1997	7.10	22		
16-Feb-1997	7.40	23		
17-Feb-1997	8.60	26		776
18-Feb-1997	9.70	30	480	812

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
19-Feb-1997	12.50	38		877
20-Feb-1997	11.50	35		798
21-Feb-1997	9.90	30		
22-Feb-1997	8.20	25		
23-Feb-1997	7.60	23		846
24-Feb-1997	10.20	31	502	802
25-Feb-1997	10.90	33		838
26-Feb-1997	9.20	28		770
27-Feb-1997	10.70	33		840
28-Feb-1997	10.90	33		
1-Mar-1997	7.30	22		
2-Mar-1997	6.80	21		862
3-Mar-1997	9.70	30	620	880
4-Mar-1997	10.50	32		875
5-Mar-1997	10.60	33		770
6-Mar-1997	9.80	30		865
7-Mar-1997	10.30	32		
8-Mar-1997	8.60	26		
9-Mar-1997	7.40	23		833
10-Mar-1997	11.10	34	494	834
11-Mar-1997	10.00	31		899
12-Mar-1997	9.60	29		864
13-Mar-1997	15.00	46		705
14-Mar-1997	6.70	21		
15-Mar-1997	8.60	26		
16-Mar-1997	8.10	25		880
17-Mar-1997	11.50	35	532	891
18-Mar-1997	10.00	31		1010
19-Mar-1997	9.80	30		1016
20-Mar-1997	10.80	33		925
21-Mar-1997	10.90	33		
22-Mar-1997	8.60	26		
23-Mar-1997	7.90	24		864
24-Mar-1997	10.90	33	520	885
25-Mar-1997	11.40	35		910
26-Mar-1997	10.60	33		898
27-Mar-1997	10.30	32		740
28-Mar-1997	11.30	35		
29-Mar-1997	7.80	24		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
30-Mar-1997	4.40	14		927
31-Mar-1997	11.00	34		870
1-Apr-1997	15.30	47	512	855
2-Apr-1997	10.20	31		750
3-Apr-1997	10.40	32		850
4-Apr-1997	10.00	31		
5-Apr-1997	8.60	26		
6-Apr-1997	7.60	23		904
7-Apr-1997	10.20	31	498	914
8-Apr-1997	12.10	37		961
9-Apr-1997	10.10	31		921
10-Apr-1997	10.60	33		872
11-Apr-1997	10.00	31		
12-Apr-1997	9.70	30		
13-Apr-1997	6.20	19		850
14-Apr-1997	10.70	33	506	863
15-Apr-1997	10.60	33		859
16-Apr-1997	10.00	31		850
17-Apr-1997	10.60	33		720
18-Apr-1997	9.90	30		
19-Apr-1997	9.10	28		
20-Apr-1997	7.40	23		887
21-Apr-1997	9.90	30	512	891
22-Apr-1997	12.50	38		910
23-Apr-1997	10.50	32		967
24-Apr-1997	12.00	37		928
25-Apr-1997	11.10	34		
26-Apr-1997	9.50	29		
27-Apr-1997	6.50	20		929
28-Apr-1997	10.30	32		901
29-Apr-1997	10.90	33	752	891
30-Apr-1997	8.40	26		886
1-May-1997	11.50	35		844
2-May-1997	11.30	35		
3-May-1997	9.20	28		
4-May-1997	8.20	25		898
5-May-1997	11.50	35		898
6-May-1997	11.30	35	570	939
7-May-1997	11.70	36		944

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
8-May-1997	9.40	29		921
9-May-1997	12.30	38		
10-May-1997	10.20	31		
11-May-1997	7.40	23		846
12-May-1997	3.00	9	576	831
13-May-1997	3.30	10		805
14-May-1997	10.80	33		832
15-May-1997	11.80	36		859
16-May-1997	10.80	33		
17-May-1997	9.10	28		
18-May-1997	2.60	8		837
19-May-1997	3.00	9		
20-May-1997	3.00	9		764
21-May-1997	5.30	16		830
22-May-1997	11.90	37	568	819
23-May-1997	12.70	39		
24-May-1997	12.00	37		
25-May-1997	9.00	28		
26-May-1997	9.90	30		735
27-May-1997	12.40	38		817
28-May-1997	12.80	39	754	820
29-May-1997	11.80	36		798
30-May-1997	13.60	42		
31-May-1997	10.00	31		
1-Jun-1997	7.90	24		796
2-Jun-1997	11.90	37		744
3-Jun-1997	12.20	37	594	790
4-Jun-1997	12.60	39		958
5-Jun-1997	11.90	37		844
6-Jun-1997	11.60	36		
7-Jun-1997	9.10	28		
8-Jun-1997	10.30	32		746
9-Jun-1997	10.30	32	544	776
10-Jun-1997	11.50	35		824
11-Jun-1997	11.00	34		894
12-Jun-1997	11.80	36		822
13-Jun-1997	11.00	34		
14-Jun-1997	8.30	25		
15-Jun-1997	8.50	26		690

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
16-Jun-1997	10.80	33	574	630
17-Jun-1997	10.80	33		670
18-Jun-1997	11.50	35		670
19-Jun-1997	11.60	36		625
20-Jun-1997	12.10	37		
21-Jun-1997	9.70	30		
22-Jun-1997	6.30	19		827
23-Jun-1997	11.20	34		813
24-Jun-1997	11.70	36	570	826
25-Jun-1997	11.40	35		799
26-Jun-1997	7.50	23		808
27-Jun-1997	9.90	30		
28-Jun-1997	11.40	35		
29-Jun-1997	7.90	24		830
30-Jun-1997	10.80	33		775
1-Jul-1997	11.40	35	544	771
2-Jul-1997	11.70	36		821
3-Jul-1997	11.80	36		
4-Jul-1997	8.20	25		
5-Jul-1997	8.30	25		
6-Jul-1997	9.40	29		737
7-Jul-1997	10.70	33	522	731
8-Jul-1997	11.90	37		758
9-Jul-1997	11.20	34		785
10-Jul-1997	11.70	36		796
11-Jul-1997	11.60	36		
12-Jul-1997	9.00	28		
13-Jul-1997	8.90	27		810
14-Jul-1997	10.90	33		807
15-Jul-1997	12.50	38		860
16-Jul-1997	10.50	32		866
17-Jul-1997	11.60	36	608	887
18-Jul-1997	12.90	40		
19-Jul-1997	8.80	27		
20-Jul-1997	8.10	25		770
21-Jul-1997	6.10	19		726
22-Jul-1997	10.80	33		804
23-Jul-1997	13.50	41		825
24-Jul-1997	10.40	32	646	820

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
25-Jul-1997	12.70	39		
26-Jul-1997	9.00	28		
27-Jul-1997	8.90	27		791
28-Jul-1997	12.20	37		757
29-Jul-1997	11.00	34		787
30-Jul-1997	10.80	33		807
31-Jul-1997	12.20	37		807
1-Aug-1997	11.50	35		
2-Aug-1997	9.20	28		
3-Aug-1997	9.00	28		764
4-Aug-1997	8.50	26	552	734
5-Aug-1997	11.70	36		785
6-Aug-1997	14.20	44		810
7-Aug-1997	8.30	25		675
8-Aug-1997	8.10	25		
9-Aug-1997	11.70	36		
10-Aug-1997	8.00	25		640
11-Aug-1997	11.40	35		610
12-Aug-1997	11.90	37		640
13-Aug-1997	11.50	35		685
14-Aug-1997	11.70	36	602	880
15-Aug-1997	10.80	33		
16-Aug-1997	9.70	30		
17-Aug-1997	8.90	27		778
18-Aug-1997	10.40	32	464	749
19-Aug-1997	11.10	34		650
20-Aug-1997	10.70	33		809
21-Aug-1997	11.60	36		695
22-Aug-1997	10.10	31		
23-Aug-1997	9.90	30		
24-Aug-1997	8.20	25	584	819
25-Aug-1997	11.40	35		785
26-Aug-1997	11.10	34		750
27-Aug-1997	11.70	36		850
28-Aug-1997	12.50	38		860
29-Aug-1997	11.30	35		
30-Aug-1997	7.10	22		
31-Aug-1997	10.10	31		
1-Sep-1997	6.70	21		734

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
2-Sep-1997	12.00	37	534	735
3-Sep-1997	10.90	33		822
4-Sep-1997	8.00	25		915
5-Sep-1997	14.10	43		
6-Sep-1997	9.00	28		
7-Sep-1997	7.00	21		792
8-Sep-1997	12.50	38	578	786
9-Sep-1997	10.70	33		827
10-Sep-1997	9.40	29		804
11-Sep-1997	10.90	33		830
12-Sep-1997	10.50	32		
13-Sep-1997	9.50	29		
14-Sep-1997	8.20	25		710
15-Sep-1997	11.20	34		700
16-Sep-1997	12.40	38		880
17-Sep-1997	10.70	33		872
18-Sep-1997	11.30	35	578	878
19-Sep-1997	10.40	32		
20-Sep-1997	12.20	37		
21-Sep-1997	7.50	23		745
22-Sep-1997	9.60	29	588	798
23-Sep-1997	13.80	42		811
24-Sep-1997	9.60	29		799
25-Sep-1997	9.50	29		838
26-Sep-1997	13.90	43		
27-Sep-1997	8.30	25		
28-Sep-1997	9.00	28		839
29-Sep-1997	5.60	17	568	789
30-Sep-1997	0.00	0		772
1-Oct-1997	0.00	0		
2-Oct-1997	12.80	39		750
3-Oct-1997	8.10	25		
4-Oct-1997	7.50	23		
5-Oct-1997	10.00	31		818
6-Oct-1997	12.00	37	588	800
7-Oct-1997	11.40	35		836
8-Oct-1997	11.10	34		812
9-Oct-1997	11.60	36		800
10-Oct-1997	10.10	31		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
11-Oct-1997	10.00	31		
12-Oct-1997	7.80	24		877
13-Oct-1997	9.40	29	624	810
14-Oct-1997	4.20	13		840
15-Oct-1997	7.80	24		908
16-Oct-1997	12.20	37		859
17-Oct-1997	12.80	39		
18-Oct-1997	8.60	26		
19-Oct-1997	9.40	29		821
20-Oct-1997	10.30	32	612	795
21-Oct-1997	12.70	39		793
22-Oct-1997	10.40	32		819
23-Oct-1997	11.10	34		845
24-Oct-1997	11.70	36		
25-Oct-1997	8.90	27		
26-Oct-1997	9.50	29		800
27-Oct-1997	11.60	36	574	782
28-Oct-1997	11.20	34		820
29-Oct-1997	11.50	35		852
30-Oct-1997	10.60	33		862
31-Oct-1997	8.40	26		
1-Nov-1997	11.60	36		
2-Nov-1997	6.20	19		848
3-Nov-1997	0.00	0		762
4-Nov-1997	0.00	0		
5-Nov-1997	0.00	0		
6-Nov-1997	0.00	0		
7-Nov-1997	0.00	0		
8-Nov-1997	14.20	44		
9-Nov-1997	11.70	36		763
10-Nov-1997	11.20	34		
11-Nov-1997	13.50	41		808
12-Nov-1997	14.10	43	458	816
13-Nov-1997	12.90	40		882
14-Nov-1997	11.80	36		
15-Nov-1997	12.10	37		
16-Nov-1997	10.10	31		757
17-Nov-1997	11.80	36	550	769
18-Nov-1997	11.50	35		825

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
19-Nov-1997	12.30	38		826
20-Nov-1997	12.80	39		831
21-Nov-1997	14.20	44		
22-Nov-1997	10.00	31		
23-Nov-1997	7.90	24		765
24-Nov-1997	11.70	36		786
25-Nov-1997	10.90	33		867
26-Nov-1997	11.30	35		
27-Nov-1997	11.60	36		
28-Nov-1997	10.10	31		
29-Nov-1997	9.40	29		
30-Nov-1997	12.10	37		829
1-Dec-1997	10.90	33	606	756
2-Dec-1997	13.00	40		820
3-Dec-1997	10.50	32		862
4-Dec-1997	11.20	34		881
5-Dec-1997	12.90	40		
6-Dec-1997	12.00	37		
7-Dec-1997	10.80	33		767
8-Dec-1997	12.30	38	508	703
9-Dec-1997	12.30	38		861
10-Dec-1997	12.70	39		880
11-Dec-1997	12.30	38		980
12-Dec-1997	10.80	33		
13-Dec-1997	10.70	33		
14-Dec-1997	9.10	28		818
15-Dec-1997	12.00	37	616	799
16-Dec-1997	11.00	34		853
17-Dec-1997	8.50	26		841
18-Dec-1997	12.30	38		896
19-Dec-1997	12.60	39		
20-Dec-1997	10.60	33		
21-Dec-1997	7.20	22		849
22-Dec-1997	9.40	29	594	750
23-Dec-1997	12.30	38		830
24-Dec-1997	9.80	30		
25-Dec-1997	7.60	23		
26-Dec-1997	9.20	28		
27-Dec-1997	9.30	29		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
28-Dec-1997	9.60	29		840
29-Dec-1997	10.20	31		874
30-Dec-1997	11.50	35		872
31-Dec-1997	12.30	38		
1-Jan-1998	7.00	21		863
2-Jan-1998	10.50	32	574	
3-Jan-1998	9.30	29		
4-Jan-1998	9.90	30		840
5-Jan-1998	8.20	25		818
6-Jan-1998	11.70	36		904
7-Jan-1998	11.50	35		899
8-Jan-1998	11.60	36	588	905
9-Jan-1998	13.80	42		
10-Jan-1998	6.80	21		
11-Jan-1998	11.10	34		781
12-Jan-1998	14.30	44	552	720
13-Jan-1998	11.90	37		691
14-Jan-1998	13.40	41		748
15-Jan-1998	14.00	43		700
16-Jan-1998	13.40	41		
17-Jan-1998	10.80	33		
18-Jan-1998	7.40	23		
19-Jan-1998	10.50	32		805
20-Jan-1998	9.60	29	530	825
21-Jan-1998	11.40	35		937
22-Jan-1998	10.60	33		971
23-Jan-1998	10.20	31		
24-Jan-1998	8.70	27		
25-Jan-1998	7.10	22		813
26-Jan-1998	10.20	31		770
27-Jan-1998	11.50	35		921
28-Jan-1998	10.00	31		917
29-Jan-1998	13.60	42		868
30-Jan-1998	10.50	32		
31-Jan-1998	10.70	33		
1-Feb-1998	8.90	27		797
2-Feb-1998	12.50	38		640
3-Feb-1998	17.70	54	478	553
4-Feb-1998	15.30	47		705

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
5-Feb-1998	13.40	41		780
6-Feb-1998	15.50	48		
7-Feb-1998	15.70	48		
8-Feb-1998	14.50	44		577
9-Feb-1998	15.50	48	678	610
10-Feb-1998	16.00	49		669
11-Feb-1998	14.50	44		731
12-Feb-1998	13.30	41		810
13-Feb-1998	13.40	41		
14-Feb-1998	13.40	41		
15-Feb-1998	14.10	43		
16-Feb-1998	11.90	37		792
17-Feb-1998	13.00	40	520	819
18-Feb-1998	14.90	46		677
19-Feb-1998	17.20	53		778
20-Feb-1998	14.00	43		
21-Feb-1998	14.00	43		
22-Feb-1998	12.10	37		612
23-Feb-1998	17.70	54	430	625
24-Feb-1998	13.40	41		708
25-Feb-1998	13.90	43		719
26-Feb-1998	15.40	47		713
27-Feb-1998	16.50	51		
28-Feb-1998	17.40	53		
1-Mar-1998	7.30	22		709
2-Mar-1998	12.00	37	494	609
3-Mar-1998	10.70	33		708
4-Mar-1998	10.70	33		828
5-Mar-1998	12.10	37		920
6-Mar-1998	10.40	32		
7-Mar-1998	9.60	29		
8-Mar-1998	8.40	26		720
9-Mar-1998	10.90	33	524	908
10-Mar-1998	10.20	31		908
11-Mar-1998	12.70	39		908
12-Mar-1998	12.10	37		957
13-Mar-1998	10.90	33		
14-Mar-1998	10.10	31		
15-Mar-1998	7.60	23		869

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
16-Mar-1998	10.40	32	602	910
17-Mar-1998	10.70	33		893
18-Mar-1998	10.80	33		908
19-Mar-1998	8.40	26		860
20-Mar-1998	7.70	24		
21-Mar-1998	7.10	22		
22-Mar-1998	6.10	19		881
23-Mar-1998	6.80	21		813
24-Mar-1998	0.00	0		
25-Mar-1998	0.00	0		
26-Mar-1998	7.60	23		789
27-Mar-1998	9.80	30		
28-Mar-1998	10.50	32		
29-Mar-1998	9.60	29		771
30-Mar-1998	11.70	36	598	750
31-Mar-1998	11.60	36		727
1-Apr-1998	12.90	40		807
2-Apr-1998	14.00	43		873
3-Apr-1998	14.20	44		
4-Apr-1998	10.00	31		
5-Apr-1998	9.50	29		778
6-Apr-1998	12.60	39	556	779
7-Apr-1998	12.30	38		866
8-Apr-1998	10.00	31		821
9-Apr-1998	11.50	35		808
10-Apr-1998	12.60	39		
11-Apr-1998	12.30	38		
12-Apr-1998	9.10	28		780
13-Apr-1998	11.50	35	578	809
14-Apr-1998	11.50	35		900
15-Apr-1998	11.20	34		962
16-Apr-1998	12.40	38		922
17-Apr-1998	9.90	30		
18-Apr-1998	9.60	29		
19-Apr-1998	10.80	33		814
20-Apr-1998	11.60	36	578	864
21-Apr-1998	10.70	33		867
22-Apr-1998	10.80	33		940
23-Apr-1998	10.70	33		895

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
24-Apr-1998	13.00	40		
25-Apr-1998	9.70	30		
26-Apr-1998	7.20	22		856
27-Apr-1998	9.10	28	628	920
28-Apr-1998	12.20	37		884
29-Apr-1998	10.30	32		993
30-Apr-1998	9.70	30		943
1-May-1998	9.50	29		
2-May-1998	11.70	36		
3-May-1998	8.00	25		905
4-May-1998	11.10	34	550	835
5-May-1998	12.50	38		870
6-May-1998	10.70	33		893
7-May-1998	11.60	36		925
8-May-1998	10.20	31		
9-May-1998	10.20	31		
10-May-1998	6.10	19		893
11-May-1998	11.70	36	618	925
12-May-1998	14.50	44		902
13-May-1998	11.60	36		813
14-May-1998	11.90	37		795
15-May-1998	10.40	32		
16-May-1998	9.50	29		
17-May-1998	8.50	26		870
18-May-1998	11.20	34	634	876
19-May-1998	10.30	32		908
20-May-1998	9.70	30		850
21-May-1998	10.50	32		850
22-May-1998	12.20	37		
23-May-1998	9.30	29		
24-May-1998	7.70	24		
25-May-1998	7.20	22		830
26-May-1998	11.80	36	582	840
27-May-1998	9.00	28		940
28-May-1998	11.30	35		1004
29-May-1998	11.20	34		
30-May-1998	8.90	27		
31-May-1998	9.60	29		939
1-Jun-1998	11.80	36		943

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
2-Jun-1998	10.80	33	598	974
3-Jun-1998	9.50	29		926
4-Jun-1998	11.10	34		985
5-Jun-1998	10.10	31		
6-Jun-1998	10.90	33		
7-Jun-1998	7.20	22		980
8-Jun-1998	11.50	35	668	857
9-Jun-1998	10.70	33		928
10-Jun-1998	10.00	31		954
11-Jun-1998	10.50	32		980
12-Jun-1998	11.10	34		
13-Jun-1998	10.30	32		
14-Jun-1998	8.00	25		950
15-Jun-1998	10.20	31	673	995
16-Jun-1998	11.20	34		982
17-Jun-1998	8.80	27		885
18-Jun-1998	11.10	34		981
19-Jun-1998	11.20	34		
20-Jun-1998	10.40	32		
21-Jun-1998	6.30	19		911
22-Jun-1998	11.00	34	666	888
23-Jun-1998	10.90	33		908
24-Jun-1998	8.50	26		889
25-Jun-1998	11.80	36		881
26-Jun-1998	11.70	36		
27-Jun-1998	8.40	26		
28-Jun-1998	8.50	26		829
29-Jun-1998	10.70	33	520	842
30-Jun-1998	10.90	33		858
1-Jul-1998	12.30	38		926
2-Jul-1998	7.30	22		
3-Jul-1998	11.00	34		
4-Jul-1998	9.70	30		
5-Jul-1998	6.90	21		912
6-Jul-1998	11.10	34	708	878
7-Jul-1998	9.70	30		915
8-Jul-1998	9.90	30		920
9-Jul-1998	11.20	34		860
10-Jul-1998	10.90	33		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
11-Jul-1998	8.20	25		
12-Jul-1998	7.10	22		770
13-Jul-1998	8.00	25	566	840
14-Jul-1998	10.10	31		903
15-Jul-1998	10.40	32		875
16-Jul-1998	11.70	36		860
17-Jul-1998	11.60	36		
18-Jul-1998	9.50	29		
19-Jul-1998	7.70	24		843
20-Jul-1998	9.30	29		868
21-Jul-1998	12.40	38	568	880
22-Jul-1998	8.60	26		908
23-Jul-1998	10.80	33		872
24-Jul-1998	10.20	31		
25-Jul-1998	9.50	29		
26-Jul-1998	7.70	24		850
27-Jul-1998	10.50	32	618	751
28-Jul-1998	11.30	35		763
29-Jul-1998	12.30	38		823
30-Jul-1998	7.60	23		900
31-Jul-1998	11.10	34		
1-Aug-1998	8.80	27		
2-Aug-1998	7.50	23		772
3-Aug-1998	10.50	32	632	735
4-Aug-1998	12.80	39		848
5-Aug-1998	9.80	30		800
6-Aug-1998	10.20	31		860
7-Aug-1998	11.80	36		
8-Aug-1998	9.80	30		
9-Aug-1998	7.60	23		875
10-Aug-1998	10.80	33		793
11-Aug-1998	11.30	35	510	810
12-Aug-1998	11.30	35		920
13-Aug-1998	8.60	26		980
14-Aug-1998	12.70	39		
15-Aug-1998	9.20	28		
16-Aug-1998	7.10	22		744
17-Aug-1998	12.20	37	530	696
18-Aug-1998	10.30	32		787

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
19-Aug-1998	10.30	32		763
20-Aug-1998	14.30	44		790
21-Aug-1998	7.90	24		
22-Aug-1998	9.40	29		
23-Aug-1998	8.00	25		738
24-Aug-1998	9.60	29	576	703
25-Aug-1998	12.60	39		739
26-Aug-1998	9.40	29		928
27-Aug-1998	10.90	33		865
28-Aug-1998	10.80	33		
29-Aug-1998	8.60	26		
30-Aug-1998	9.00	28		887
31-Aug-1998	10.40	32		709
1-Sep-1998	11.50	35	788	838
2-Sep-1998	9.70	30		845
3-Sep-1998	10.80	33		751
4-Sep-1998	11.80	36		
5-Sep-1998	9.10	28		
6-Sep-1998	6.20	19		
7-Sep-1998	3.60	11		687
8-Sep-1998	1.00	3		724
9-Sep-1998	9.00	28		802
10-Sep-1998	10.40	32		879
11-Sep-1998	10.20	31	722	
12-Sep-1998	8.90	27		
13-Sep-1998	8.00	25		827
14-Sep-1998	5.00	15		
15-Sep-1998	8.70	27		727
16-Sep-1998	2.90	9		830
17-Sep-1998	2.00	6		783
18-Sep-1998	8.90	27		
19-Sep-1998	8.10	25		
20-Sep-1998	12.20	37		791
21-Sep-1998	10.20	31	596	789
22-Sep-1998	10.60	33		778
23-Sep-1998	8.90	27		
24-Sep-1998	10.60	33		
25-Sep-1998	11.40	35		
26-Sep-1998	2.10	6		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
27-Sep-1998	2.30	7		
28-Sep-1998	0.00	0		
29-Sep-1998	10.20	31		778
30-Sep-1998	9.40	29		725
1-Oct-1998	9.60	29	556	754
2-Oct-1998	12.00	37		
3-Oct-1998	7.60	23		
4-Oct-1998	8.50	26		811
5-Oct-1998	9.60	29	566	749
6-Oct-1998	10.40	32		752
7-Oct-1998	11.00	34		807
8-Oct-1998	10.60	33		761
9-Oct-1998	10.30	32		
10-Oct-1998	9.70	30		
11-Oct-1998	7.40	23		757
12-Oct-1998	11.10	34		824
13-Oct-1998	11.00	34	650	845
14-Oct-1998	9.10	28		749
15-Oct-1998	9.90	30		820
16-Oct-1998	11.80	36		
17-Oct-1998	7.40	23		
18-Oct-1998	5.30	16		791
19-Oct-1998	10.90	33	492	765
20-Oct-1998	10.20	31		864
21-Oct-1998	10.20	31		760
22-Oct-1998	12.70	39		751
23-Oct-1998	8.00	25		
24-Oct-1998	6.40	20		
25-Oct-1998	9.00	28		637
26-Oct-1998	10.70	33	552	672
27-Oct-1998	11.30	35		831
28-Oct-1998	11.60	36		847
29-Oct-1998	11.00	34		768
30-Oct-1998	10.80	33		
31-Oct-1998	9.70	30		
1-Nov-1998	8.90	27		753
2-Nov-1998	11.00	34	596	776
3-Nov-1998	10.30	32		861
4-Nov-1998	10.50	32		880

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
5-Nov-1998	10.10	31		894
6-Nov-1998	8.30	25		
7-Nov-1998	9.40	29		
8-Nov-1998	8.70	27		878
9-Nov-1998	10.70	33		825
10-Nov-1998	11.60	36		
11-Nov-1998	12.30	38		876
12-Nov-1998	9.50	29		876
13-Nov-1998	10.90	33		
14-Nov-1998	12.20	37		
15-Nov-1998	6.70	21		874
16-Nov-1998	8.60	26	634	926
17-Nov-1998	9.60	29		988
18-Nov-1998	8.20	25		955
19-Nov-1998	9.90	30		884
20-Nov-1998	10.50	32		
21-Nov-1998	10.10	31		
22-Nov-1998	8.30	25		859
23-Nov-1998	10.00	31	570	810
24-Nov-1998	11.20	34		877
25-Nov-1998	8.80	27		
26-Nov-1998	8.60	26		
27-Nov-1998	8.20	25		
28-Nov-1998	7.90	24		
29-Nov-1998	9.40	29		750
30-Nov-1998	10.90	33		727
1-Dec-1998	10.90	33	476	804
2-Dec-1998	9.40	29		845
3-Dec-1998	11.60	36		899
4-Dec-1998	9.90	30		
5-Dec-1998	9.70	30		
6-Dec-1998	7.80	24		820
7-Dec-1998	10.90	33	590	823
8-Dec-1998	9.70	30		852
9-Dec-1998	9.80	30		857
10-Dec-1998	10.00	31		922
11-Dec-1998	10.50	32		
12-Dec-1998	9.00	28		
13-Dec-1998	7.90	24		869

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
14-Dec-1998	9.30	29	636	846
15-Dec-1998	11.20	34		787
16-Dec-1998	9.40	29		930
17-Dec-1998	9.70	30		767
18-Dec-1998	10.80	33		
19-Dec-1998	10.30	32		
20-Dec-1998	7.20	22		927
21-Dec-1998	9.10	28	596	744
22-Dec-1998	5.20	16		748
23-Dec-1998	2.80	9		
24-Dec-1998	9.00	28		
25-Dec-1998	8.70	27		
26-Dec-1998	8.00	25		
27-Dec-1998	7.20	22		836
28-Dec-1998	10.00	31	616	835
29-Dec-1998	6.50	20		924
30-Dec-1998	4.40	14		1012
31-Dec-1998	11.00	34		
1-Jan-1999	8.60	26		
2-Jan-1999	8.20	25		
3-Jan-1999	7.60	23		785
4-Jan-1999	10.30	32		808
5-Jan-1999	10.70	33		874
6-Jan-1999	7.60	23		818
7-Jan-1999	11.60	36		860
8-Jan-1999	10.10	31		
9-Jan-1999	9.90	30		
10-Jan-1999	6.80	21		885
11-Jan-1999	11.10	34		800
12-Jan-1999	11.20	34		921
13-Jan-1999	9.80	30	602	930
14-Jan-1999	10.60	33		795
15-Jan-1999	10.40	32		
16-Jan-1999	10.30	32		
17-Jan-1999	6.30	19		
18-Jan-1999	12.00	37		861
19-Jan-1999	11.50	35		873
20-Jan-1999	14.30	44		798
21-Jan-1999	9.80	30		815

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
22-Jan-1999	10.80	33		
23-Jan-1999	6.70	21		
24-Jan-1999	8.40	26		722
25-Jan-1999	9.60	29		722
26-Jan-1999	10.60	33		680
27-Jan-1999	8.80	27		844
28-Jan-1999	10.00	31		852
29-Jan-1999	9.40	29		
30-Jan-1999	8.70	27		
31-Jan-1999	10.50	32		758
1-Feb-1999	10.40	32		695
2-Feb-1999	8.60	26		764
3-Feb-1999	8.30	25		770
4-Feb-1999	11.10	34		804
5-Feb-1999	10.00	31	630	
6-Feb-1999	10.00	31		
7-Feb-1999	7.90	24		655
8-Feb-1999	11.40	35		777
9-Feb-1999	11.40	35		690
10-Feb-1999	9.30	29		833
11-Feb-1999	10.50	32		847
12-Feb-1999	9.60	29		
13-Feb-1999	9.10	28		
14-Feb-1999	9.60	29		
15-Feb-1999	5.50	17		839
16-Feb-1999	9.70	30		864
17-Feb-1999	10.00	31		770
18-Feb-1999	9.80	30		773
19-Feb-1999	10.20	31		
20-Feb-1999	9.80	30		
21-Feb-1999	6.10	19		796
22-Feb-1999	9.80	30		716
23-Feb-1999	9.30	29		773
24-Feb-1999	9.20	28		814
25-Feb-1999	9.20	28		844
26-Feb-1999	9.20	28		
27-Feb-1999	9.10	28		
28-Feb-1999	5.30	16		853
1-Mar-1999	9.00	28	694	846

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
2-Mar-1999	9.80	30		852
3-Mar-1999	9.30	29		874
4-Mar-1999	9.10	28		822
5-Mar-1999	10.10	31		
6-Mar-1999	6.70	21		
7-Mar-1999	6.00	18		728
8-Mar-1999	10.50	32		791
9-Mar-1999	9.80	30		867
10-Mar-1999	8.20	25		785
11-Mar-1999	11.30	35		776
12-Mar-1999	5.50	17		
13-Mar-1999	8.20	25		
14-Mar-1999	7.10	22		868
15-Mar-1999	9.60	29	544	759
16-Mar-1999	10.90	33		850
17-Mar-1999	8.30	25		942
18-Mar-1999	7.10	22		666
19-Mar-1999	8.00	25		
20-Mar-1999	10.00	31		
21-Mar-1999	6.60	20		803
22-Mar-1999	9.80	30	532	747
23-Mar-1999	9.80	30		816
24-Mar-1999	9.20	28		808
25-Mar-1999	8.10	25		824
26-Mar-1999	9.10	28		
27-Mar-1999	8.40	26		
28-Mar-1999	7.70	24		820
29-Mar-1999	10.30	32		870
30-Mar-1999	10.60	33		754
31-Mar-1999	9.60	29		847
1-Apr-1999	9.60	29	578	879
2-Apr-1999	10.10	31		
3-Apr-1999	8.50	26		
4-Apr-1999	6.90	21		863
5-Apr-1999	9.60	29		784
6-Apr-1999	11.10	34		823
7-Apr-1999	10.50	32		768
8-Apr-1999	10.80	33	646	780
9-Apr-1999	9.70	30		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
10-Apr-1999	9.80	30		
11-Apr-1999	7.00	21		707
12-Apr-1999	10.10	31		738
13-Apr-1999	9.60	29		756
14-Apr-1999	7.60	23		745
15-Apr-1999	10.10	31		790
16-Apr-1999	8.10	25		
17-Apr-1999	8.70	27		
18-Apr-1999	7.10	22		858
19-Apr-1999	10.80	33		834
20-Apr-1999	9.50	29		756
21-Apr-1999	5.80	18		738
22-Apr-1999	8.00	25		840
23-Apr-1999	9.70	30		
24-Apr-1999	7.70	24		
25-Apr-1999	6.50	20		828
26-Apr-1999	9.40	29	660	735
27-Apr-1999	9.60	29		855
28-Apr-1999	9.40	29		853
29-Apr-1999	9.90	30		891
30-Apr-1999	10.40	32		
1-May-1999	8.60	26		
2-May-1999	8.30	25		830
3-May-1999	10.00	31		785
4-May-1999	11.00	34		803
5-May-1999	10.10	31		810
6-May-1999	10.10	31	368	820
7-May-1999	10.70	33		
8-May-1999	10.00	31		
9-May-1999	8.40	26		880
10-May-1999	10.00	31		810
11-May-1999	9.80	30	706	827
12-May-1999	9.80	30		760
13-May-1999	11.40	35		823
14-May-1999	10.90	33		
15-May-1999	9.30	29		
16-May-1999	8.10	25		869
17-May-1999	11.10	34	584	829
18-May-1999	11.40	35		817

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
19-May-1999	10.60	33		792
20-May-1999	10.70	33		840
21-May-1999	10.40	32		
22-May-1999	8.30	25		
23-May-1999	9.70	30		798
24-May-1999	7.10	22		814
25-May-1999	11.10	34	534	933
26-May-1999	9.70	30		765
27-May-1999	11.40	35		748
28-May-1999	10.60	33		
29-May-1999	9.00	28		
30-May-1999	7.40	23		
31-May-1999	7.90	24		708
1-Jun-1999	9.40	29		741
2-Jun-1999	7.40	23		772
3-Jun-1999	10.20	31		770
4-Jun-1999	11.30	35		
5-Jun-1999	8.70	27		
6-Jun-1999	8.50	26		665
7-Jun-1999	10.70	33	750	753
8-Jun-1999	9.80	30		817
9-Jun-1999	10.60	33		819
10-Jun-1999	12.40	38		830
11-Jun-1999	11.40	35		
12-Jun-1999	10.70	33		
13-Jun-1999	6.80	21		828
14-Jun-1999	11.90	37	644	843
15-Jun-1999	6.10	19		839
16-Jun-1999	3.80	12		813
17-Jun-1999	2.60	8		775
18-Jun-1999	4.00	12		
19-Jun-1999	9.40	29		
20-Jun-1999	10.80	33		778
21-Jun-1999	7.40	23		826
22-Jun-1999	10.60	33		854
23-Jun-1999	10.00	31	572	775
24-Jun-1999	11.70	36		795
25-Jun-1999	10.60	33		
26-Jun-1999	9.80	30		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
27-Jun-1999	8.10	25		806
28-Jun-1999	12.00	37		868
29-Jun-1999	11.30	35		808
30-Jun-1999	11.90	37		838
1-Jul-1999	10.80	33		838
2-Jul-1999	9.80	30		
3-Jul-1999	10.20	31		
4-Jul-1999	10.00	31		
5-Jul-1999	8.10	25		779
6-Jul-1999	8.90	27		790
7-Jul-1999	10.30	32		859
8-Jul-1999	11.40	35		808
9-Jul-1999	11.10	34	700	
10-Jul-1999	7.80	24		
11-Jul-1999	6.90	21		872
12-Jul-1999	10.70	33		775
13-Jul-1999	9.70	30		919
14-Jul-1999	10.70	33		818
15-Jul-1999	11.70	36		847
16-Jul-1999	11.30	35	604	
17-Jul-1999	10.30	32		
18-Jul-1999	8.30	25		856
19-Jul-1999	11.90	37		838
20-Jul-1999	9.40	29		850
21-Jul-1999	11.70	36		825
22-Jul-1999	10.30	32		785
23-Jul-1999	10.40	32	626	
24-Jul-1999	11.30	35		
25-Jul-1999	6.30	19		778
26-Jul-1999	10.10	31		818
27-Jul-1999	11.60	36	642	876
28-Jul-1999	9.40	29		843
29-Jul-1999	10.90	33		813
30-Jul-1999	10.50	32		
31-Jul-1999	7.90	24		
1-Aug-1999	8.00	25		857
2-Aug-1999	11.20	34		836
3-Aug-1999	10.50	32		829
4-Aug-1999	6.70	21		824

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
5-Aug-1999	10.40	32	588	860
6-Aug-1999	10.80	33		
7-Aug-1999	10.70	33		
8-Aug-1999	6.90	21		821
9-Aug-1999	10.50	32		836
10-Aug-1999	11.00	34	564	873
11-Aug-1999	9.70	30		820
12-Aug-1999	10.80	33		774
13-Aug-1999	10.30	32		
14-Aug-1999	10.20	31		
15-Aug-1999	8.70	27		807
16-Aug-1999	9.40	29		814
17-Aug-1999	11.30	35		826
18-Aug-1999	10.30	32		849
19-Aug-1999	9.90	30	636	811
20-Aug-1999	10.60	33		
21-Aug-1999	11.20	34		
22-Aug-1999	8.50	26		785
23-Aug-1999	9.90	30	642	800
24-Aug-1999	11.00	34		788
25-Aug-1999	11.20	34		794
26-Aug-1999	10.10	31		835
27-Aug-1999	11.60	36		
28-Aug-1999	10.00	31		
29-Aug-1999	8.50	26		811
30-Aug-1999	11.80	36		835
31-Aug-1999	10.20	31	594	762
1-Sep-1999	10.20	31		825
2-Sep-1999	9.90	30		874
3-Sep-1999	11.30	35		
4-Sep-1999	8.30	25		
5-Sep-1999	8.60	26		
6-Sep-1999	8.70	27	652	812
7-Sep-1999	10.00	31		829
8-Sep-1999	11.30	35		862
9-Sep-1999	11.90	37		828
10-Sep-1999	11.60	36		
11-Sep-1999	11.60	36		
12-Sep-1999	8.10	25		759

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
13-Sep-1999	11.20	34		679
14-Sep-1999	11.30	35	654	879
15-Sep-1999	10.80	33		919
16-Sep-1999	10.90	33		839
17-Sep-1999	6.60	20		
18-Sep-1999	10.00	31		
19-Sep-1999	9.90	30		725
20-Sep-1999	10.50	32	846	762
21-Sep-1999	12.00	37	642	806
22-Sep-1999	11.10	34		791
23-Sep-1999	11.70	36		780
24-Sep-1999	10.00	31		
25-Sep-1999	11.20	34		
26-Sep-1999	8.80	27		843
27-Sep-1999	10.80	33	620	836
28-Sep-1999	11.80	36		872
29-Sep-1999	10.50	32		799
30-Sep-1999	11.30	35		818
1-Oct-1999	10.70	33		
2-Oct-1999	11.00	34		
3-Oct-1999	8.60	26		765
4-Oct-1999	10.90	33		715
5-Oct-1999	9.80	30		792
6-Oct-1999	10.90	33		841
7-Oct-1999	10.60	33	636	863
8-Oct-1999	12.40	38		
9-Oct-1999	9.20	28		
10-Oct-1999	8.30	25		809
11-Oct-1999	10.40	32		803
12-Oct-1999	12.60	39	566	863
13-Oct-1999	7.40	23		814
14-Oct-1999	9.50	29		830
15-Oct-1999	2.70	8		
16-Oct-1999	5.70	17		
17-Oct-1999	8.40	26		789
18-Oct-1999	6.40	20		728
19-Oct-1999	9.20	28	542	715
20-Oct-1999	11.30	35		808
21-Oct-1999	11.70	36		735

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
22-Oct-1999	10.40	32		
23-Oct-1999	8.40	26		
24-Oct-1999	8.70	27		792
25-Oct-1999	10.70	33		802
26-Oct-1999	13.10	40	522	860
27-Oct-1999	9.00	28		890
28-Oct-1999	10.70	33		807
29-Oct-1999	11.00	34		
30-Oct-1999	11.30	35		
31-Oct-1999	10.10	31		824
1-Nov-1999	11.00	34		752
2-Nov-1999	11.20	34		665
3-Nov-1999	10.20	31		833
4-Nov-1999	8.40	26		910
5-Nov-1999	9.70	30		
6-Nov-1999	11.80	36		
7-Nov-1999	10.40	32		734
8-Nov-1999	12.10	37		728
9-Nov-1999	10.90	33		703
10-Nov-1999	9.50	29		
11-Nov-1999	8.70	27		899
12-Nov-1999	14.10	43		
13-Nov-1999	9.10	28		
14-Nov-1999	8.00	25		800
15-Nov-1999	12.50	38		857
16-Nov-1999	12.40	38		848
17-Nov-1999	9.10	28		892
18-Nov-1999	9.90	30	608	775
19-Nov-1999	11.80	36		
20-Nov-1999	12.40	38		
21-Nov-1999	9.20	28		763
22-Nov-1999	11.00	34		841
23-Nov-1999	10.60	33	538	837
24-Nov-1999	11.50	35		
25-Nov-1999	9.20	28		
26-Nov-1999	9.10	28		
27-Nov-1999	8.30	25		
28-Nov-1999	11.20	34		839
29-Nov-1999	10.40	32		866

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
30-Nov-1999	12.20	37		824
1-Dec-1999	12.20	37		830
2-Dec-1999	9.20	28	586	830
3-Dec-1999	12.00	37		
4-Dec-1999	9.90	30		
5-Dec-1999	6.90	21		880
6-Dec-1999	10.50	32		820
7-Dec-1999	11.30	35	568	865
8-Dec-1999	12.00	37		845
9-Dec-1999	10.50	32		827
10-Dec-1999	11.50	35		
11-Dec-1999	11.40	35		
12-Dec-1999	7.70	24		775
13-Dec-1999	11.20	34		809
14-Dec-1999	10.80	33	644	860
15-Dec-1999	11.30	35		871
16-Dec-1999	10.90	33		885
17-Dec-1999	10.10	31		
18-Dec-1999	10.20	31		
19-Dec-1999	9.20	28		821
20-Dec-1999	9.20	28		749
21-Dec-1999	12.90	40	656	806
22-Dec-1999	6.80	21		823
23-Dec-1999	2.60	8		
24-Dec-1999	7.50	23		
25-Dec-1999	5.90	18		
26-Dec-1999	8.70	27		765
27-Dec-1999	11.00	34		798
28-Dec-1999	10.60	33		788
29-Dec-1999	10.60	33		823
30-Dec-1999	10.50	32		
31-Dec-1999	8.00	25		
1-Jan-2000	7.80	24		
2-Jan-2000	8.00	25		841
3-Jan-2000	8.80	27		765
4-Jan-2000	11.10	34	494	779
5-Jan-2000	11.10	34		863
6-Jan-2000	9.00	28		785
7-Jan-2000	8.40	26		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
8-Jan-2000	9.00	28		
9-Jan-2000	9.30	29		841
10-Jan-2000	10.30	32		810
11-Jan-2000	10.10	31	568	875
12-Jan-2000	11.00	34		812
13-Jan-2000	8.30	25		811
14-Jan-2000	10.10	31		
15-Jan-2000	9.10	28		
16-Jan-2000	5.90	18		
17-Jan-2000	11.60	36		738
18-Jan-2000	14.20	44		703
19-Jan-2000	8.60	26		770
20-Jan-2000	8.60	26		735
21-Jan-2000	12.30	38		
22-Jan-2000	13.50	41		
23-Jan-2000	9.60	29		756
24-Jan-2000	9.40	29		631
25-Jan-2000	12.70	39		686
26-Jan-2000	12.30	38		761
27-Jan-2000	11.50	35		750
28-Jan-2000	14.40	44		
29-Jan-2000	13.40	41		
30-Jan-2000	8.60	26		801
31-Jan-2000	9.10	28		698
1-Feb-2000	2.60	8		842
2-Feb-2000	9.40	29		787
3-Feb-2000	13.00	40		813
4-Feb-2000	11.60	36		
5-Feb-2000	10.90	33		
6-Feb-2000	10.10	31		798
7-Feb-2000	11.30	35		795
8-Feb-2000	12.00	37		868
9-Feb-2000	11.70	36		722
10-Feb-2000	12.50	38	646	795
11-Feb-2000	16.60	51		
12-Feb-2000	11.40	35		
13-Feb-2000	11.80	36		714
14-Feb-2000	12.10	37		753
15-Feb-2000	11.70	36		758

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
16-Feb-2000	11.60	36		763
17-Feb-2000	12.20	37		705
18-Feb-2000	14.80	45		
19-Feb-2000	11.60	36		
20-Feb-2000	10.10	31		
21-Feb-2000	9.90	30		725
22-Feb-2000	11.30	35		756
23-Feb-2000	18.30	56		656
24-Feb-2000	11.50	35		742
25-Feb-2000	12.00	37		
26-Feb-2000	9.20	28		
27-Feb-2000	10.80	33		738
28-Feb-2000	12.10	37		745
29-Feb-2000	12.20	37		772
1-Mar-2000	11.20	34		736
2-Mar-2000	11.70	36		667
3-Mar-2000	11.70	36		
4-Mar-2000	8.40	26		
5-Mar-2000	12.00	37		676
6-Mar-2000	11.20	34	572	674
7-Mar-2000	11.10	34		918
8-Mar-2000	13.00	40		760
9-Mar-2000	10.20	31		711
10-Mar-2000	12.70	39		
11-Mar-2000	9.50	29		
12-Mar-2000	8.20	25		703
13-Mar-2000	11.30	35		720
14-Mar-2000	12.60	39		884
15-Mar-2000	9.60	29		740
16-Mar-2000	12.00	37		866
17-Mar-2000	13.00	40		
18-Mar-2000	7.70	24		
19-Mar-2000	7.50	23		735
20-Mar-2000	10.60	33		693
21-Mar-2000	13.20	41		688
22-Mar-2000	12.10	37		742
23-Mar-2000	10.80	33		780
24-Mar-2000	12.70	39		
25-Mar-2000	9.10	28		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
26-Mar-2000	8.50	26		655
27-Mar-2000	11.30	35		822
28-Mar-2000	12.40	38		740
29-Mar-2000	10.20	31		760
30-Mar-2000	11.30	35		789
31-Mar-2000	11.60	36		
1-Apr-2000	10.10	31		
2-Apr-2000	7.20	22		823
3-Apr-2000	10.40	32		833
4-Apr-2000	12.70	39		785
5-Apr-2000	9.30	29	658	792
6-Apr-2000	11.00	34		758
7-Apr-2000	11.30	35		
8-Apr-2000	9.50	29		
9-Apr-2000	9.00	28		859
10-Apr-2000	11.90	37	624	853
11-Apr-2000	12.50	38		858
12-Apr-2000	10.80	33		806
13-Apr-2000	11.70	36		850
14-Apr-2000	11.80	36		
15-Apr-2000	9.20	28		
16-Apr-2000	8.70	27		890
17-Apr-2000	15.70	48		686
18-Apr-2000	15.10	46		651
19-Apr-2000	10.00	31		710
20-Apr-2000	11.10	34		830
21-Apr-2000	12.00	37		
22-Apr-2000	9.90	30		
23-Apr-2000	8.80	27		803
24-Apr-2000	11.20	34		810
25-Apr-2000	11.10	34		845
26-Apr-2000	12.20	37		797
27-Apr-2000	11.50	35		820
28-Apr-2000	12.50	38		
29-Apr-2000	9.60	29		
30-Apr-2000	9.20	28		768
1-May-2000	11.30	35		835
2-May-2000	11.60	36	712	755
3-May-2000	11.00	34		746

Appendix C: ESTIMATES OF MUNICIPAL AND INDUSTRIAL SALT LOADS
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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
4-May-2000	11.60	36		725
5-May-2000	12.90	40		
6-May-2000	9.00	28		
7-May-2000	8.80	27		723
8-May-2000	12.50	38		789
9-May-2000	10.30	32		772
10-May-2000	11.80	36		774
11-May-2000	10.70	33		795
12-May-2000	11.20	34		
13-May-2000	9.40	29		
14-May-2000	8.40	26		725
15-May-2000	11.60	36		788
16-May-2000	12.90	40		772
17-May-2000	11.10	34		749
18-May-2000	11.80	36		792
19-May-2000	12.50	38		
20-May-2000	12.20	37		
21-May-2000	7.70	24		681
22-May-2000	11.60	36	648	769
23-May-2000	11.90	37		727
24-May-2000	11.10	34		747
25-May-2000	11.40	35		730
26-May-2000	11.90	37		
27-May-2000	11.60	36		
28-May-2000	6.40	20		
29-May-2000	8.30	25		635
30-May-2000	10.00	31		725
31-May-2000	11.50	35		742
1-Jun-2000	11.20	34		754
2-Jun-2000	11.80	36		
3-Jun-2000	8.20	25		
4-Jun-2000	8.70	27		804
5-Jun-2000	10.60	33		699
6-Jun-2000	11.30	35	600	699
7-Jun-2000	10.90	33		769
8-Jun-2000	11.40	35		716
9-Jun-2000	11.10	34		
10-Jun-2000	10.10	31		
11-Jun-2000	7.70	24		596

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
12-Jun-2000	10.10	31	592	695
13-Jun-2000	11.90	37		579
14-Jun-2000	10.90	33		625
15-Jun-2000	10.60	33		648
16-Jun-2000	11.70	36		
17-Jun-2000	8.70	27		
18-Jun-2000	8.10	25		725
19-Jun-2000	10.40	32		686
20-Jun-2000	10.70	33		709
21-Jun-2000	11.00	34		735
22-Jun-2000	11.10	34		666
23-Jun-2000	9.30	29		
24-Jun-2000	10.00	31		
25-Jun-2000	7.90	24		765
26-Jun-2000	10.60	33	528	701
27-Jun-2000	10.90	33		758
28-Jun-2000	9.50	29		850
29-Jun-2000	10.20	31		805
30-Jun-2000	12.00	37		
1-Jul-2000	8.50	26		
2-Jul-2000	9.10	28		763
3-Jul-2000	9.40	29	536	
4-Jul-2000	9.10	28		696
5-Jul-2000	10.70	33		738
6-Jul-2000	8.10	25		737
7-Jul-2000	13.80	42		
8-Jul-2000	12.10	37		
9-Jul-2000	6.00	18		675
10-Jul-2000	10.00	31		637
11-Jul-2000	11.60	36		738
12-Jul-2000	9.60	29		735
13-Jul-2000	11.20	34		712
14-Jul-2000	10.20	31		
15-Jul-2000	8.20	25		
16-Jul-2000	8.40	26		730
17-Jul-2000	10.60	33		652
18-Jul-2000	11.50	35		795
19-Jul-2000	11.10	34		769
20-Jul-2000	9.90	30		730

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
21-Jul-2000	12.20	37		
22-Jul-2000	8.60	26		
23-Jul-2000	7.40	23		648
24-Jul-2000	10.30	32		721
25-Jul-2000	11.40	35	544	794
26-Jul-2000	10.60	33		648
27-Jul-2000	11.10	34		722
28-Jul-2000	11.90	37		
29-Jul-2000	10.00	31		
30-Jul-2000	7.90	24		795
31-Jul-2000	11.30	35		682
1-Aug-2000	11.30	35		730
2-Aug-2000	11.00	34	536	648
3-Aug-2000	12.70	39		766
4-Aug-2000	11.90	37		
5-Aug-2000	9.50	29		
6-Aug-2000	9.10	28		719
7-Aug-2000	9.20	28		742
8-Aug-2000	11.50	35		688
9-Aug-2000	10.40	32		700
10-Aug-2000	11.40	35		772
11-Aug-2000	10.30	32		
12-Aug-2000	12.30	38		
13-Aug-2000	8.10	25		658
14-Aug-2000	10.10	31		667
15-Aug-2000	11.10	34		677
16-Aug-2000	11.10	34		705
17-Aug-2000	10.00	31		688
18-Aug-2000	11.60	36		
19-Aug-2000	8.70	27		
20-Aug-2000	8.70	27		779
21-Aug-2000	9.70	30	510	708
22-Aug-2000	10.50	32		820
23-Aug-2000	10.30	32		678
24-Aug-2000	10.30	32		685
25-Aug-2000	11.60	36		
26-Aug-2000	10.70	33		
27-Aug-2000	7.80	24		806
28-Aug-2000	11.50	35		665

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
29-Aug-2000	11.80	36		830
30-Aug-2000	10.60	33		709
31-Aug-2000	10.70	33		697
1-Sep-2000	13.00	40		
2-Sep-2000	8.80	27		
3-Sep-2000	6.70	21		
4-Sep-2000	8.50	26		742
5-Sep-2000	10.90	33		759
6-Sep-2000	11.20	34		832
7-Sep-2000	9.40	29		755
8-Sep-2000	12.80	39	470	
9-Sep-2000	8.70	27		
10-Sep-2000	7.70	24		690
11-Sep-2000	12.10	37		660
12-Sep-2000	11.20	34		823
13-Sep-2000	10.30	32		727
14-Sep-2000	11.60	36		786
15-Sep-2000	12.90	40		
16-Sep-2000	10.40	32		
17-Sep-2000	8.30	25		792
18-Sep-2000	8.80	27		700
19-Sep-2000	13.30	41	488	723
20-Sep-2000	8.40	26		817
21-Sep-2000	9.30	29		771
22-Sep-2000	10.00	31		
23-Sep-2000	11.00	34		
24-Sep-2000	6.80	21		741
25-Sep-2000	11.10	34		758
26-Sep-2000	12.20	37		948
27-Sep-2000	11.80	36		870
28-Sep-2000	11.30	35		813
29-Sep-2000	10.40	32		
30-Sep-2000	10.00	31		
1-Oct-2000	6.50	20		767
2-Oct-2000	10.80	33		831
3-Oct-2000	10.30	32	548	827
4-Oct-2000	9.80	30		995
5-Oct-2000	11.20	34		992
6-Oct-2000	8.30	25		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
7-Oct-2000	10.20	31		
8-Oct-2000	7.50	23		853
9-Oct-2000	11.60	36		775
10-Oct-2000	11.80	36		865
11-Oct-2000	12.60	39		816
12-Oct-2000	11.00	34	500	686
13-Oct-2000	10.40	32		
14-Oct-2000	10.00	31		
15-Oct-2000	7.30	22		739
16-Oct-2000	10.70	33		797
17-Oct-2000	10.70	33		864
18-Oct-2000	10.50	32		779
19-Oct-2000	10.60	33		908
20-Oct-2000	10.30	32		
21-Oct-2000	9.10	28		
22-Oct-2000	8.60	26		780
23-Oct-2000	10.00	31		852
24-Oct-2000	11.20	34		930
25-Oct-2000	10.70	33		726
26-Oct-2000	16.00	49		798
27-Oct-2000	12.00	37		
28-Oct-2000	10.80	33		
29-Oct-2000	10.90	33		725
30-Oct-2000	10.70	33		675
31-Oct-2000	11.00	34		738
1-Nov-2000	9.80	30		751
2-Nov-2000	10.50	32		730
3-Nov-2000	10.90	33		
4-Nov-2000	10.90	33		
5-Nov-2000	8.10	25		805
6-Nov-2000	11.00	34		772
7-Nov-2000	10.80	33	522	732
8-Nov-2000	10.60	33		803
9-Nov-2000	9.60	29		
10-Nov-2000	10.50	32		
11-Nov-2000	9.00	28		
12-Nov-2000	11.00	34		744
13-Nov-2000	10.00	31		750
14-Nov-2000	12.20	37	540	745

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
15-Nov-2000	10.90	33		760
16-Nov-2000	10.60	33		773
17-Nov-2000	10.70	33		
18-Nov-2000	7.90	24		
19-Nov-2000	8.20	25		753
20-Nov-2000	9.90	30		740
21-Nov-2000	12.10	37		768
22-Nov-2000	9.00	28		
23-Nov-2000	8.40	26		
24-Nov-2000	8.00	25		
25-Nov-2000	7.70	24		
26-Nov-2000	8.20	25		648
27-Nov-2000	10.50	32		591
28-Nov-2000	9.70	30		845
29-Nov-2000	11.00	34		875
30-Nov-2000	10.10	31		792
1-Dec-2000	11.40	35		
2-Dec-2000	9.10	28		
3-Dec-2000	8.80	27		743
4-Dec-2000	10.10	31		739
5-Dec-2000	9.90	30	518	764
6-Dec-2000	11.20	34		737
7-Dec-2000	9.30	29		742
8-Dec-2000	13.00	40		
9-Dec-2000	7.10	22		
10-Dec-2000	7.40	23		765
11-Dec-2000	10.50	32		854
12-Dec-2000	11.50	35		860
13-Dec-2000	8.90	27		785
14-Dec-2000	10.20	31	546	824
15-Dec-2000	11.20	34		
16-Dec-2000	8.80	27		
17-Dec-2000	7.40	23		648
18-Dec-2000	11.60	36		691
19-Dec-2000	8.90	27		765
20-Dec-2000	10.00	31		803
21-Dec-2000	9.80	30		813
22-Dec-2000	8.60	26		
23-Dec-2000	8.00	25		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
24-Dec-2000	7.80	24		
25-Dec-2000	8.20	25		685
26-Dec-2000	8.20	25		698
27-Dec-2000	10.40	32		745
28-Dec-2000	9.10	28		751
29-Dec-2000	9.90	30		
30-Dec-2000	8.20	25		
31-Dec-2000	7.80	24		
1-Jan-2001	6.70	21		717
2-Jan-2001	11.10	34		695
3-Jan-2001	8.70	27		876
4-Jan-2001	9.80	30	544	890
5-Jan-2001	10.10	31		
6-Jan-2001	8.70	27		
7-Jan-2001	6.60	20		870
8-Jan-2001	12.20	37		703
9-Jan-2001	11.30	35		715
10-Jan-2001	13.00	40		753
11-Jan-2001	13.90	43		572
12-Jan-2001	10.10	31		
13-Jan-2001	9.30	29		
14-Jan-2001	8.60	26		
15-Jan-2001	9.60	29		808
16-Jan-2001	10.70	33		888
17-Jan-2001	10.50	32	636	762
18-Jan-2001	10.70	33		883
19-Jan-2001	8.60	26		
20-Jan-2001	9.30	29		
21-Jan-2001	7.30	22		733
22-Jan-2001	10.10	31		779
23-Jan-2001	10.30	32		812
24-Jan-2001	10.20	31		1028
25-Jan-2001	13.20	41		960
26-Jan-2001	10.40	32		
27-Jan-2001	8.40	26		
28-Jan-2001	7.30	22		731
29-Jan-2001	9.90	30		739
30-Jan-2001	10.70	33		773
31-Jan-2001	9.50	29		934

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
1-Feb-2001	8.50	26		830
2-Feb-2001	9.30	29		
3-Feb-2001	7.50	23		
4-Feb-2001	7.70	24		837
5-Feb-2001	9.60	29		792
6-Feb-2001	9.30	29		744
7-Feb-2001	10.80	33		802
8-Feb-2001	9.10	28		887
9-Feb-2001	12.70	39		
10-Feb-2001	8.40	26		
11-Feb-2001	10.70	33		641
12-Feb-2001	10.80	33		681
13-Feb-2001	9.90	30	522	795
14-Feb-2001	10.90	33		767
15-Feb-2001	10.40	32		782
16-Feb-2001	10.80	33		
17-Feb-2001	8.40	26		
18-Feb-2001	7.80	24		
19-Feb-2001	10.10	31		709
20-Feb-2001	11.70	36		814
21-Feb-2001	9.50	29		702
22-Feb-2001	11.50	35		733
23-Feb-2001	10.00	31		
24-Feb-2001	12.50	38		
25-Feb-2001	7.20	22		700
26-Feb-2001	10.90	33		718
27-Feb-2001	10.60	33		778
28-Feb-2001	9.50	29		844
1-Mar-2001	9.80	30		949
2-Mar-2001	11.60	36		
3-Mar-2001	11.60	36		
4-Mar-2001	10.00	31		684
5-Mar-2001	12.70	39		603
6-Mar-2001	11.10	34	466	748
7-Mar-2001	10.90	33		782
8-Mar-2001	10.00	31		780
9-Mar-2001	10.00	31		
10-Mar-2001	8.30	25		
11-Mar-2001	8.30	25		900

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
12-Mar-2001	9.30	29		885
13-Mar-2001	10.50	32	662	1044
14-Mar-2001	10.00	31		863
15-Mar-2001	9.80	30		950
16-Mar-2001	10.30	32		
17-Mar-2001	7.10	22		
18-Mar-2001	8.20	25		800
19-Mar-2001	8.60	26		905
20-Mar-2001	8.10	25		793
21-Mar-2001	10.90	33		866
22-Mar-2001	10.00	31		840
23-Mar-2001	8.80	27		
24-Mar-2001	8.00	25		
25-Mar-2001	8.10	25		652
26-Mar-2001	10.20	31		718
27-Mar-2001	11.90	37		820
28-Mar-2001	8.60	26		818
29-Mar-2001	10.60	33		789
30-Mar-2001	10.20	31		
31-Mar-2001	6.70	21		
1-Apr-2001	7.50	23		862
2-Apr-2001	9.20	28		735
3-Apr-2001	10.70	33		847
4-Apr-2001	10.10	31		742
5-Apr-2001	10.10	31		743
6-Apr-2001	9.40	29		
7-Apr-2001	11.10	34		
8-Apr-2001	6.70	21		610
9-Apr-2001	9.60	29		700
10-Apr-2001	12.00	37		775
11-Apr-2001	9.60	29		860
12-Apr-2001	8.10	25		860
13-Apr-2001	10.90	33		
14-Apr-2001	6.10	19		
15-Apr-2001	8.00	25		850
16-Apr-2001	9.40	29		807
17-Apr-2001	9.60	29		845
18-Apr-2001	9.90	30	564	885
19-Apr-2001	11.80	36		913

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
20-Apr-2001	12.20	37		
21-Apr-2001	9.10	28		
22-Apr-2001	6.90	21		774
23-Apr-2001	10.10	31		737
24-Apr-2001	10.10	31		782
25-Apr-2001	10.20	31		880
26-Apr-2001	9.80	30		828
27-Apr-2001	11.40	35		
28-Apr-2001	8.70	27		
29-Apr-2001	6.50	20		793
30-Apr-2001	10.50	32		860
1-May-2001	10.00	31	570	830
2-May-2001	10.40	32		830
3-May-2001	8.30	25		846
4-May-2001	9.50	29		
5-May-2001	8.50	26		
6-May-2001	7.70	24		708
7-May-2001	9.30	29		764
8-May-2001	9.80	30		828
9-May-2001	2.20	7		
10-May-2001	0.00	0		
11-May-2001	5.90	18		
12-May-2001	11.00	34		
13-May-2001	7.30	22		867
14-May-2001	10.70	33		764
15-May-2001	11.50	35		870
16-May-2001	10.30	32		815
17-May-2001	10.10	31	582	887
18-May-2001	10.70	33		
19-May-2001	8.10	25		
20-May-2001	8.30	25		810
21-May-2001	10.80	33		778
22-May-2001	10.90	33		970
23-May-2001	11.30	35		978
24-May-2001	10.30	32	696	966
25-May-2001	10.40	32		
26-May-2001	8.90	27		
27-May-2001	7.60	23		
28-May-2001	8.10	25		838

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
29-May-2001	8.80	27		895
30-May-2001	9.00	28		807
31-May-2001	11.00	34		810
1-Jun-2001	11.80	36		
2-Jun-2001	9.70	30		
3-Jun-2001	8.40	26		890
4-Jun-2001	10.60	33		775
5-Jun-2001	10.40	32	617	845
6-Jun-2001	11.80	36		930
7-Jun-2001	10.10	31		962
8-Jun-2001	10.20	31		
9-Jun-2001	9.40	29		
10-Jun-2001	9.00	28		938
11-Jun-2001	10.00	31		878
12-Jun-2001	10.20	31		960
13-Jun-2001	10.40	32		1035
14-Jun-2001	10.30	32		966
15-Jun-2001	10.20	31		
16-Jun-2001	7.80	24		
17-Jun-2001	8.00	25		930
18-Jun-2001	9.90	30		867
19-Jun-2001	11.40	35	634	875
20-Jun-2001	9.80	30		855
21-Jun-2001	11.90	37		986
22-Jun-2001	9.70	30		
23-Jun-2001	7.60	23		
24-Jun-2001	8.50	26		904
25-Jun-2001	8.00	25		882
26-Jun-2001	11.80	36	615	930
27-Jun-2001	10.50	32		828
28-Jun-2001	11.00	34		855
29-Jun-2001	10.50	32		
30-Jun-2001	9.50	29		
1-Jul-2001	8.90	27		838
2-Jul-2001	10.50	32		813
3-Jul-2001	9.80	30		
4-Jul-2001	9.20	28		985
5-Jul-2001	10.10	31		980
6-Jul-2001	9.90	30		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
7-Jul-2001	9.00	28		
8-Jul-2001	8.70	27		1060
9-Jul-2001	10.60	33		994
10-Jul-2001	11.30	35		767
11-Jul-2001	11.30	35		795
12-Jul-2001	10.60	33	627	960
13-Jul-2001	12.70	39		
14-Jul-2001	9.70	30		
15-Jul-2001	7.20	22		900
16-Jul-2001	10.20	31		841
17-Jul-2001	10.70	33		876
18-Jul-2001	11.40	35		940
19-Jul-2001	11.10	34		786
20-Jul-2001	11.00	34		
21-Jul-2001	8.00	25		
22-Jul-2001	8.40	26		727
23-Jul-2001	10.60	33		700
24-Jul-2001	10.60	33	596	907
25-Jul-2001	10.60	33		890
26-Jul-2001	10.80	33		688
27-Jul-2001	11.50	35		
28-Jul-2001	9.40	29		
29-Jul-2001	8.10	25		680
30-Jul-2001	6.40	20		712
31-Jul-2001	16.30	50		835
1-Aug-2001	8.80	27		755
2-Aug-2001	11.70	36		690
3-Aug-2001	11.20	34		
4-Aug-2001	9.60	29		
5-Aug-2001	8.70	27		742
6-Aug-2001	10.90	33	528	668
7-Aug-2001	10.70	33		880
8-Aug-2001	10.60	33		931
9-Aug-2001	11.20	34		954
10-Aug-2001	12.00	37		
11-Aug-2001	10.20	31		
12-Aug-2001	7.00	21		763
13-Aug-2001	10.60	33		882
14-Aug-2001	11.50	35	636	890

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
15-Aug-2001	11.40	35		733
16-Aug-2001	11.20	34		920
17-Aug-2001	12.70	39		
18-Aug-2001	9.10	28		
19-Aug-2001	8.20	25		877
20-Aug-2001	10.80	33		847
21-Aug-2001	11.60	36	516	721
22-Aug-2001	11.00	34		920
23-Aug-2001	10.50	32		920
24-Aug-2001	10.50	32		
25-Aug-2001	9.30	29		
26-Aug-2001	8.80	27		780
27-Aug-2001	10.00	31		878
28-Aug-2001	11.50	35		840
29-Aug-2001	11.00	34		840
30-Aug-2001	10.60	33		860
31-Aug-2001	11.40	35		
1-Sep-2001	9.70	30		
2-Sep-2001	8.30	25		
3-Sep-2001	9.00	28		667
4-Sep-2001	11.80	36		830
5-Sep-2001	11.00	34		728
6-Sep-2001	9.50	29		692
7-Sep-2001	11.40	35		
8-Sep-2001	13.10	40		
9-Sep-2001	8.00	25		910
10-Sep-2001	10.70	33		905
11-Sep-2001	10.70	33	562	930
12-Sep-2001	10.00	31		748
13-Sep-2001	10.70	33		945
14-Sep-2001	12.20	37		
15-Sep-2001	11.10	34		
16-Sep-2001	8.90	27		930
17-Sep-2001	10.20	31		878
18-Sep-2001	10.60	33		695
19-Sep-2001	10.70	33		970
20-Sep-2001	10.80	33		933
21-Sep-2001	10.60	33	529	
22-Sep-2001	8.20	25		

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
23-Sep-2001	8.10	25		976
24-Sep-2001	10.20	31		948
25-Sep-2001	11.10	34		905
26-Sep-2001	9.90	30		873
27-Sep-2001	11.00	34		920
28-Sep-2001	9.70	30		
29-Sep-2001	8.40	26		
30-Sep-2001	8.50	26		836
1-Oct-2001	11.20	34		831
2-Oct-2001	9.90	30		923
3-Oct-2001	10.20	31		968
4-Oct-2001	10.10	31		990
5-Oct-2001	10.70	33		
6-Oct-2001	8.40	26		
7-Oct-2001	9.90	30		921
8-Oct-2001	10.10	31		829
9-Oct-2001	11.40	35		952
10-Oct-2001	11.10	34		967
11-Oct-2001	11.50	35		964
12-Oct-2001	11.30	35		
13-Oct-2001	9.00	28		
14-Oct-2001	8.30	25		850
15-Oct-2001	11.50	35		848
16-Oct-2001	11.80	36	575	898
17-Oct-2001	11.30	35		890
18-Oct-2001	11.60	36	632	894
19-Oct-2001	10.60	33		
20-Oct-2001	12.00	37		
21-Oct-2001	10.10	31		870
22-Oct-2001	10.30	32		873
23-Oct-2001	12.00	37		910
24-Oct-2001	11.20	34		880
25-Oct-2001	11.60	36	704	892
26-Oct-2001	12.40	38		
27-Oct-2001	10.80	33		
28-Oct-2001	11.50	35		840
29-Oct-2001	12.50	38		816
30-Oct-2001	12.50	38	438	816
31-Oct-2001	12.50	38		855

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
1-Nov-2001	12.00	37	604	900
2-Nov-2001	12.30	38		870
3-Nov-2001	11.60	36		858
4-Nov-2001	10.00	31		842
5-Nov-2001	10.70	33		814
6-Nov-2001	11.70	36	562	877
7-Nov-2001	12.00	37		829
8-Nov-2001	11.50	35	579	858
9-Nov-2001	11.30	35		870
10-Nov-2001	12.50	38		875
11-Nov-2001	9.40	29		825
12-Nov-2001	14.20	44		783
13-Nov-2001	11.90	37	466	701
14-Nov-2001	12.30	38		818
15-Nov-2001	11.90	37	571	890
16-Nov-2001	12.10	37		838
17-Nov-2001	10.10	31		836
18-Nov-2001	7.40	23		813
19-Nov-2001	10.80	33	508	835
20-Nov-2001	11.00	34	394	860
21-Nov-2001	10.90	33		903
22-Nov-2001	10.10	31		869
23-Nov-2001	9.50	29		873
24-Nov-2001	11.40	35		914
25-Nov-2001	9.00	28		760
26-Nov-2001	9.40	29	430	780
27-Nov-2001	0.00	0		
28-Nov-2001	0.00	0		
29-Nov-2001	0.00	0		
30-Nov-2001	13.30	41		854
1-Dec-2001	11.80	36		865
2-Dec-2001	10.90	33		811
3-Dec-2001	13.90	43		760
4-Dec-2001	10.50	32	508	810
5-Dec-2001	12.70	39		890
6-Dec-2001	12.20	37		895
7-Dec-2001	11.20	34	580	900
8-Dec-2001	12.30	38		889
9-Dec-2001	10.90	33		851

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Attachment 5: City of Turlock Daily Wastewater Discharge Monitoring (1995-2001)				
Discharge to the SJR				
Date	Flow (MGD)	Flow (acre-feet/day)	TDS (mg/L)	EC (uS/cm)
10-Dec-2001	11.50	35		790
11-Dec-2001	13.20	41	504	826
12-Dec-2001	10.80	33		844
13-Dec-2001	0.90	3		
14-Dec-2001	13.20	41	456	875
15-Dec-2001	12.80	39		813
16-Dec-2001	7.80	24		780
17-Dec-2001	11.60	36	430	790
18-Dec-2001	13.10	40		770
19-Dec-2001	12.10	37	538	872
20-Dec-2001	16.60	51		972
21-Dec-2001	10.30	32		710
22-Dec-2001	11.40	35		803
23-Dec-2001	8.40	26		780
24-Dec-2001	9.70	30		793
25-Dec-2001	9.20	28	412	855
26-Dec-2001	12.80	39	388	820
27-Dec-2001	12.90	40		892
28-Dec-2001	16.70	51		915
29-Dec-2001	15.40	47		643
30-Dec-2001	11.90	37		561
31-Dec-2001	12.30	38		706